Queens College

Bulletin 1981-1982

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1857

Queens College Bulletin
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Queens College admits students regardless of race, color, national and ethnic origin, or handicap to all the rights, privileges, programs and activities generally accorded or made available to students at the college. It does not discriminate on the basis of race, color, national or ethnic origin, or handicap in administration of its educational policies, admissions policies, scholarship or loan programs, and athletic and other college administered programs.

1900 Selwyn Avenue
Charlotte, North Carolina 28274
704/332-7121

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Queens College Calendar 1981-1982

TERM I	1981
Sunday, August 23	Freshmen Arrive
Monday, Aug. 24-Tuesday, Aug. 25	Orientation
Wednesday, August 26	Registration
Thursday, August 27	Classes Begin
Tuesday, September 8	Senior Recognition Day
Friday, October 9 (Friday Only)	Fall Break
Wednesday, October 14	Midterm
Wednesday, October 21	Last Day to Withdraw with a "W"
Friday, Oct. 23-Sunday, Oct. 25	Parents' Weekend
Thursday, Nov. 12-Saturday, Nov. 14	Drama Production
Friday, November 20	Classes End for Thanksgiving, 5:00 p.m.
Sunday, November 29	Residence Halls Open, 3:00 p.m.
Monday, November 30	Classes Resume
Wednesday, December 2	Boar's Head Dinner
Sunday, December 6	Love Feast, Belk Chapel
Thursday, December 10	Classes End
Friday, December 11	Reading Day
Saturday, December 12	Exams Begin
Sunday, December 13	Yule Log Ceremony
Thursday, December 17	Exams End

JANUARY TERM	**1982**
Sunday, January 3	Residence Halls Open, 3:00 p.m.
Monday, January 4	Registration; Classes Begin
Friday, January 22	Classes End
TERM II	
Monday, January 25	Registration
Tuesday, January 26	Classes Begin
Tuesday, February 2	Honors Convocation, Belk Chapel
Friday, Feb. 19-Sunday, Feb. 21	Dads' Weekend
Wednesday, March 10	Midterm
Wednesday, March 17	Last Day to Withdraw with a "W"
Friday, March 19	Spring Recess Begins, 5:00 p.m.
Sunday, March 28	Residence Halls Open, 3:00 p.m.
Monday, March 29	Classes Resume
Monday, April 12	Easter Monday Holiday
Thursday, Apr. 22-Saturday, Apr. 24	Drama Production
Friday, Apr. 23-Sunday, Apr. 25	Moms' Weekend
Friday, April 30-Sunday, May 2	May Day Weekend
Thursday, May 6	Classes End
Friday, May 7	Reading Day
Saturday, May 8	Exams Begin
Thursday, May 13	Exams End
Friday, May 14	Baccalaureate
Saturday, May 15	Graduation

MAY TERM—Monday, May 17-Friday, June 4

JUNE TERM—Monday, June 7-Friday, June 25

College Student Life Student Services

The College

Queens, a church-related liberal arts college for women, is located in Charlotte, North Carolina. Its programs are accredited by the Southern Association of Colleges and Schools.

The nuclear medical technology program is accredited by the American Medical Association Committee on Allied Health Education and Accreditation. The National Association of Schools of Music and the National Association for Music Therapy, Inc. have accredited the respective Queens College programs in music. Queens College is also approved for veterans' education.

History

Queens was founded in 1857 as the Charlotte Female Institute, then located on College Street near the center of the city. For five years after 1891 it was called the Seminary for Girls, and upon affiliation with the Presbyterian Synod of North Carolina in 1896, was known as the Presbyterian College for Women. In 1912, anticipating the move to its present campus in the Myers Park residential area in 1914, it became Queens College.

That name revived pre-Revolutionary traditions, for in 1771 a group of North Carolina colonists sought a royal charter for Queens College to be located in the town of Charlotte which was named for the British queen, Charlotte of Mecklenburg. George III refused the petition, doubting the wisdom of creating an institution to perpetuate non-conformist views favored by the Scotch-Irish Presbyterians who had settled in Piedmont Carolina. A school was chartered in 1773, however, under the unusual title of Queens Museum. During the Revolution it sympathized with the colonial cause and became known as the Liberty Hall Academy. The academy's post-Revolutionary history is sketchy, but in 1821 the Male and Female Academy Corporation was chartered to operate the Liberty Male Academy, the precursor of Davidson College, and the Charlotte Female Academy, the precursor of the Charlotte Female Institute.

In 1930, Queens became related to the Presbyterian Synod of South Carolina through a merger with Chicora College, Columbia, S. C. (formerly in Greenville). Since Chicora itself had earlier merged with the College for Women, Columbia, Queens continues the tradition of two South Carolina women's colleges. With the creation of the Synod of the Southeast in 1973, Queens' official church relationship was extended to include Presbyterians in Georgia as well as those in the Carolinas.

The Board of Trustees holds title to the property of the college and is responsible for Queens' total program. The 34-member board—composed of business, professional, religious, and alumnae leaders—is elected by the Synod of North Carolina (10 members), the Synod of the Southeast (8), trustees (12), and the Queens College Alumnae Association (4).

Presidents

Robert Burwell
1857-1872
Robert Hett Chapman
1872-1875
Stephen Taylor Martin
1875-1878
William Robert Atkinson
1878-1891
Lily W. Long
1891-1899
James R. Bridges
1899-1911
John Livy Caldwell
1911-1916
James R. Bridges
Acting, 1916-1917
Henry Clay Evans
1917-1918
William Anderson
Acting, 1918-1921
William Henry Frazer
1921-1939
Hunter Bryson Blakely
1939-1950
McAlister Carson
Acting, 1950-1951
Charlton Coney Jernigan
1951-1953
Herschel Hill Everett
Acting, 1953-1954
Edwin Ruthven Walker
1954-1965
Acting, 1965-1967
John Edwin Smylie
1967-1974
Alfred O. Canon
1974-1977
Billy O. Wireman
1978-Present

Statement of Philosophy and Purpose

Queens College, private and Presbyterian, is a diversified academic community serving a variety of learners, both men and women, of all ages.

The college has evolved into a dynamic educational center of academic distinctiveness which not only has a strong residential liberal arts base, but which also reaches into the community to serve a diversity of learners in appropriate ways.

Queens' historic concern for academic excellence, Judaeo-Christian values, and cultural enrichment remains central to the college's mission. In addition, heightened emphasis on career strategies, lifelong learning, and community outreach are incorporated into the educational purpose.

Basic components of the academic community are Queens College for Women, New College at Queens, and the Graduate School at Queens. In addition to these, Queens College offers coursework through the Institute of Lifelong Learning for those who seek education and enrichment outside the context of formal degree programs.

Queens College maintains its historic and central role as a women's college in the undergraduate liberal arts college of arts and sciences which advocates and works toward the preparation of women for varied and changing roles in society: career and professional opportunity, marriage and family, and civic and community leadership, within a framework that stresses the joy of liberal learning and the rigor of intellectual discipline. The college seeks to give a woman disciplined self-confidence and sound judgment and to encourage in her qualities of leadership, understanding of her own and other cultures, and a concern for others.

Queens recognizes the historical circumstances which make the present time especially opportune for the advancement of women and recognizes also that for full development, women must be engaged in a serious, exciting learning experience which will develop the life of the mind and of the spirit in a vitalizing and scholarly way.

The tenor of student life is recognized to be as significant a factor in student development as is an excellent academic program. The smallness of the liberal arts college enables Queens to accentuate concern for the individual and to provide the personal and intellectual interaction, caring, fun and fellowship that are possible in such a setting. A sense of belonging and of college spirit results for faculty and students alike.

New College at Queens offers an undergraduate liberal arts degree program on a part-time, co-educational basis. The program is firmly grounded in the liberal arts tradition and emphasizes the joy of learning within a framework of continuing personal and intellectual development.

The Graduate School at Queens provides post-baccalaureate, co-educational opportunities for advanced study and research in demanding and distinctive academic and professional programs. The Graduate School is designed to offer a stimulating, challenging, and scholarly community for the maximum intellectual and personal development of both students and faculty.

A fundamental commitment in all these segments of the college is to help students learn how to learn. Each student is encouraged to be intellectually alive and curious and to employ, in a disciplined and creative way, a unique personal potential.

Each student is encouraged to focus on productivity both for self and for community. Initiative, industry, and self-reliance are translated from self-awareness and personal growth into the awareness of the need to serve and a concern for others.

Each student should learn to care. Unapologetically and without any attempt to coerce or indoctrinate, the value background of Queens College is the Judaeo-Christian heritage. Underlying each aspect of college life is the encouragement and cultivation of sound moral and spiritual values. Queens seeks to combine caring teachers and enlightened social policies into a learning community which knows the moral end it seeks: a just, enlightened, humane society. Into this framework the college welcomes students of all faiths and beliefs.

Thus learning, caring and productivity come together through a diverse institution into a life of meaningful wholeness. The mission of the total college is to develop the mind and spirit and to prepare students to be intellectually aware, academically competent, spiritually challenged and personally fulfilled for a successful future.

In addition to the degree programs of the college, the Queens Institute of Lifelong Learning provides non-degree opportunities for continuing education to students of all ages, both male and female. Service to the community is a key mission and is reflected in an adaptable and comprehensive curriculum.

The members of the Queens Community call on all who believe in these principles to join with them in the continuing development of the spirit and substance of this mission.

The Queens Concept

An outgrowth of the philosophy and mission of the college is the academic program and the integration of academic, cultural and student support services of the college. This program is called the Queens Concept. It focuses upon competence in the areas of reading, writing, speaking and mathematics; an understanding of native and non-native cultures; and value clarification. These aspects of the Queens Concept are achieved through the distributed requirements of the curriculum. It focuses also upon depth study in a major discipline, study in the leadership program, personal and career development arranged through the Queens Career Center, and cultural experiences arranged through the academic program or by student affairs personnel.

Student Life

Queens College is aware that a major part of a student's education takes place outside the classroom in day-to-day living experiences and campus activities. Through group participation and interaction, the student comes to know herself as an individual, to realize her opportunities, and to be a creative member of the college community. To stimulate this process the college encourages student initiative and responsibility through student government, the honor system, organizations, and activities.

Honor Code

The Honor Code is one of the cherished possessions of Queens College and is of fundamental importance in the educational experience.

The Honor Code regulates all phases of college life and is binding on all members of the community.

The Code is based on three basic principles: (1) truthfulness at all times; (2) respect for the property of others; (3) honesty in tests, examinations, term papers and all other academic assignments.

When a member of the college community signs the Honor Code, it is an acceptance of the responsibilities of the honor system. This enables that member to enjoy the freedom and privilege of living in a community governed by mutual trust and respect.

Student Government Association

S. G. A. is a means for student self-government. It is organized around major concerns of campus life and provides students experience in planning and administering cultural, social, and religious activities. S. G. A. appoints students to serve as voting members of many standing committees of the faculty.

Religious Life

Queens faculty and administration have made a religious commitment, which provides a climate and opportunity for growth and nourishment of lasting religious values. Students are given the opportunity to develop their own religious beliefs by voluntarily taking part in the weekly campus chapel services, fellowship, and retreats. The college chaplain is available to all members of the Queens College community as they seek spiritual understanding and growth.

Cultural Events

A student Cultural Events Committee plans a speakers series, a film series, and a coffeehouse series to be presented throughout the academic year. Also contributing to the cultural program are events such as dramatic productions, art exhibits, and recitals.

Social Activities

The Social Activities Committee of S. G. A. sponsors dances, concerts, and other recreational activities.

The Web is a comfortable lodge on campus, complete with kitchen and fireplace. This facility is ideal for small parties, meetings and dates.

The Hollow, a snack bar located in Jernigan Student Center, is also a setting for student gatherings as well as musical entertainment, poetry readings, etc.

Four national sororities—Alpha Delta Pi, Chi Omega, Kappa Delta, and Phi Mu—provide additional activities for their members.

Athletics

Queens offers intercollegiate athletic competition in two sports: volleyball in the fall, tennis in the spring. The college holds active memberships in the Association of Intercollegiate Athletics for Women (AIAW), Southern Region II AIAW, and North Carolina AIAW (NCAIAW). The volleyball and tennis teams play full schedules against North Carolina and South Carolina schools. Athletes must fulfill NCAIAW and Queens eligibility requirements.

Recreation and Intramurals

Queens offers a varied program in recreation offering every student an opportunity to take part in a wide range of sports.

Ovens Gymnasium houses a large gym, a dance studio, and a swimming pool. In addition there are five tennis courts, three of which are lighted. The physical education department makes the facilities available to students on a regular basis through Rec Nights and Free Swims. Intramural teams compete against each other in volleyball, softball, table tennis, tennis, and basketball—with an occasional challenge from a faculty team.

Publications

Queens College has three periodicals published by the students. The *Coronet*, the Queens College yearbook, is published annually, and provides a pictorial and literary record of the year's events and activities. The *Queens Current*, the student newspaper on campus, is published regularly to keep the college informed of campus events and news, and to serve as a forum for an exchange of ideas among students, faculty, and administrators. The *Signet*, the college literary magazine, is published once a year, and illustrates the creative writing and visual artistry talents of the Queens community and the public.

Honoraries, Honors and Awards

Several organizations have been established at Queens to recognize high achievement both in scholarship and in campus leadership.

Delta Omicron is an international music fraternity for women who attain high scholarship in music and possess the potential for superior musicianship.

Student Marshals serve as ushers in academic processions at official college events. Marshals are selected each year following Term I on the basis of class rank from a list of eligible degree candidates who are taking a full-time course load.

Orb and Sceptre is a senior organization which recognizes those students who have shown outstanding leadership, scholarship, and service to the college community.

The Zetetic Society is an organization composed of faculty and students. Its purpose is to recognize high scholastic attainment for seniors and juniors and to encourage independent research.

Sigma Upsilon is a fraternity for writers. Members are selected from the junior and senior classes; the basis of selection is literary ability, interest, and active participation in writing.

Valkyrie is an organization of students from the sophomore class who are selected because of outstanding leadership, citizenship, and scholarship exhibited during the freshman year.

Who's Who Among Students in American Universities and Colleges recognizes note-worthy student leaders on campuses throughout the country and registers them in a national collegiate publication. The students are selected on the basis of scholarship, leadership, citizenship, and cooperation in educational and extra-curricular activities, and the promise of future contributions to those areas.

In addition to membership in campus honoraries, there is a variety of honors and awards. Some of these are: the scholastic honors—the Dean's List and graduating with honors; the Charlotte Panhellenic Awards to an outstanding freshman, sophomore, junior and senior; creative writing awards; awards in other academic areas; and several athletic citations.

Since 1948 the New York Southern Society has granted to Queens College the privilege of bestowing two Algernon Sydney Sullivan Awards each year, one to an outstanding graduate and another honorary award to a person who has some association, official or otherwise, with the college.

The recipients of the award are elected by the faculty on the recommendation of the faculty committee on awards.

Mr. Sullivan, a distinguished lawyer and human spirit, and the first president of the Society, had such outstanding qualities of moral courage and personal inspiration that the Society created these awards to honor him and to commend others who might exemplify similar moral qualities. The symbol of this award is an engraved copper plaque.

"This award is to be a continuing reminder that the noblest human qualities are those characteristics of heart, mind, and conduct which evidence a love for and helpfulness to other men and women. True nobility is found in those who move beyond the narrow circle of their self-interest and spend themselves in the interest of mankind."

Student Services

Housing

Queens views on-campus living as an integral part of the educational experience. Students who are candidates for an undergraduate degree will live in residence unless: (1) they are residing with their parents or guardian; (2) they are married; (3) they have been granted special permission for other residence by the Dean of Student Affairs.

There are four residence halls on campus, each with its own distinctive style. They range in size from housing 36 to 140 students and in style from traditional double rooms to suites.

All freshmen are assigned to rooms and roommates by the Office of Student Affairs. Other students choose their rooms in an order determined by their non-refundable reservation fee and by lottery.

The college insurance program is designed to provide protection for college property and does not include the property of students or others. It is suggested that students and their parents should review their insurance to be sure that coverage is extended to include personal effects while at college.

Health Services

The Irwin McKay Infirmary is

equipped to provide outpatient and infirmary care. The ten bed infirmary is staffed by nurses from 4:00 p.m. Sunday until 4:00 p.m. Friday, except during vacations, during the academic year. A nurse practitioner has office hours during the week.

All degree candidates enrolled in the college are entitled to health services during the terms in which they are enrolled. Students must complete and submit a medical history and physical examination form to the Dean of Student Affairs prior to entrance. This history initiates the student's medical file and facilitates preventive medicine and emergency care.

An optional health insurance plan is available through the college. Information regarding this plan is sent to each student.

The Queens Career Center

The Queens Career Center offers life/career counseling to Queens students and alumnae. Many women enter college unsure of their career talents and interests and the availability of jobs in particular fields. Through individual and group counseling, occupational testing, and topical seminars, the Queens Career Center staff assists students in assessing their values, abilities and interests. Students are encouraged to learn decision-making skills and to set goals, moving them toward a rewarding and satisfying future. The staff is comprised of professional counselors with expertise in the counseling of college women.

A vital part of the Queens Career Center is the Career Resource Center containing up-to-date career information, as well as information on graduate schools, scholarships, opportunities in business, government and education, and summer and part-time employment. Information on the probability of obtaining employment and on approximate entry salary levels in vocational fields such as education and allied health is available.

The placement office in the Queens Career Center is particularly interested in helping seniors plan an effective job campaign and in finding rewarding job opportunities. Each senior is encouraged to complete a permanent file containing a resume and letters of recommendation. Upon request, a copy of the file is sent to graduate schools and prospective employers. A staff member visits prospective employers for information on possible job openings and encourages representatives from schools and businesses to interview on campus. Throughout the academic year, seminars are held for seniors on resume preparation, interviewing and planning the job search.

Students are encouraged to take advantage of the services of the Queens Career Center from the freshman year through the senior year.

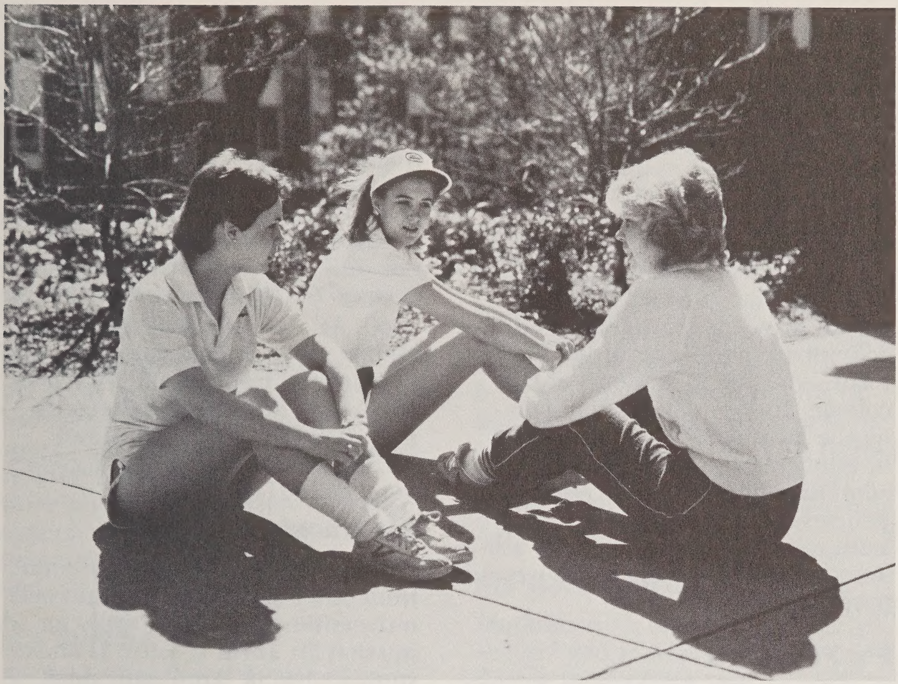
New Dimensions Program

Generated out of a desire to better serve the adult learner, the New Dimensions Program is designed especially for the student who is 24 years of age or older.

A personalized approach exists at Queens to aid the adult student with admissions, counseling, and career/life planning.

Upon an expression of interest in attending Queens College, an admissions counselor, herself a former adult student, meets with the prospective student and discusses the educational opportunities available at Queens.

Academic counseling is available



from faculty members who represent each department of the college. These faculty members help an adult decide on a major and review, if necessary, transfer credits upon evaluation by the Registrar.

Personal counseling in various forms is available for an adult student, as well as developmental testing for vocational interests, personality types, values, needs and interpersonal orientation. Individual counseling appointments are available, and seminars and workshops are geared to adult needs and issues. Monthly seminars are held each term on such topics as Time Management, Self Esteem, Communications Skills, and Decision Making.

A strong emphasis is placed on each adult's developmental assessment and career/life planning. Throughout an adult's stay at Queens, she is encouraged to assess herself, plan her future, and participate in experiential offerings such as internships and leadership opportunities.

Present New Dimensions students are degree candidates who are unique women to our campus, full of vitality and curiosity. Majors range from English to Museums, Archives and Historic Sites.

The Director of New Dimensions is located in the Career Center, 208 Jernigan Hall, with office hours from 8:30-5:00 weekdays. The Admissions Counselor's office is 210 Burwell Hall, with office hours from 8:30-5:00 weekdays.

Admissions Costs Financial Aid

Admissions

Queens College admits students regardless of race, color, national and ethnic origin, or handicap to all rights, privileges, programs and activities generally accorded or made available to students at the college. It does not discriminate on the basis of race, color, national or ethnic origin, or handicap in administration of its educational policies, admissions policies, scholarship and loan programs, and athletic and other college administered programs.

For Freshmen

Students applying to Queens should follow a college preparatory program in an accredited high school. Four years of English, two years of mathematics, two years of a foreign language, two years of social science, and one year of a laboratory science are recommended basic preparation.

In evaluating an application, the Office of Admissions considers the applicant's high school record, especially the quality and amount of college preparatory work; recommendations from the secondary school; College Entrance Examination Board test scores (SAT) or The American College Testing Program (ACT); and the student's own stated objectives. A personal visit to campus is the best way for a student to discover Queens. A campus interview is strongly recommended.

All applicants who have taken Spanish or French in secondary school and who wish to continue study in that particular language at Queens should take a language achievement test for purposes of placement. Students who do not take the CEEB language achievement tests may take a language placement test after enrollment at the college. SAT, ACT and Achievement applications and information about testing dates may be obtained from secondary school counselors or from CEEB, Box 592, Princeton, N.J., 08540. *Queens' CEEB code number is 5560*. ACT applications and information about testing dates may also be obtained from secondary school counselors or from ACT Records, P.O. Box 451, Iowa City, Iowa 52240. *Queens College ACT code number is 3148*.

For Transfers

Queens welcomes transfer students from other accredited colleges and universities. They may apply for admission for Term I, Term II and/or summer terms. Applicants must request their own transcripts from each institution attended to be forwarded to the Office of Admissions. For courses completed at other accredited institutions, credit usually will be transferred if the grade earned is C or better. Credits over 10 years old must be submitted for approval to the Student Qualifications Committee following the successful completion of six credit hours at Queens. Courses transferred from two-year institutions are classified as either 100- or 200-level courses.

For Readmissions

A degree candidate who has withdrawn in good standing, and who wishes to return to Queens may apply for readmission by submitting an application. Transcripts of all work attempted at other institutions must be sent to the Office of Admissions.

For Special Students

Students who are not candidates for

degrees but who wish to enroll for credit may apply as special students. Generally, special students who do not hold a bachelor's degree are limited to a cumulative total of 15 credit hours. Anyone holding a bachelor's degree is allowed the privilege of unlimited credit. The availability of space may limit enrollment in some courses. Special students must maintain a C average to continue their enrollment.

Persons interested in teacher certification who have already earned a bachelor's degree are admitted as special students. They should consult with the Director of Admissions regarding admission and are expected to complete twelve credits successfully at Queens before undertaking student teaching.

For Summer School

Students interested in attending summer school at Queens should contact the Dean of the College of Arts and Sciences for further information.

For Advanced Placement

Students who have completed college level work in their secondary schools should take the appropriate Advanced Placement (AP) test administered by the CEEB. Queens grants advanced placement and course credit automatically if the student scores either four or five on such tests. Advanced placement is also granted for a score of three, but decisions on the amount of credit to be awarded are made by the Dean of the College of Arts and Sciences in consultation with the department in which credit is granted. Advanced placement in English is given for literature courses only.

Advanced placement in biology, chemistry, foreign language and music is determined also by acceptable achievement on examinations taken at Queens at the beginning of the fall term.

Queens also awards credit and advanced placement to students who score satisfactorily on approved subject level tests of the College Level Examination Program (CLEP). Credit will not be granted if it duplicates credit already earned. Neither grades nor quality points will be awarded, nor may CLEP credits satisfy the final 30 hours required for graduation from Queens. A recording fee of $20 for each 3-hour course will be charged. Students who wish further information about CLEP should write to the Dean of the College of Arts and Sciences.

For Accelerated Admissions

Students with superior records are encouraged to apply for admission during their junior year in high school. They must submit transcripts, recommendations, and SAT scores or ACT scores and should schedule a conference with an admissions counselor. In some states local school authorities will grant a high school diploma after a year of college work; any such agreement is the responsibility of the student and the local authorities. A student may also obtain a high school equivalency certificate by examination.

For the student who has made plans for graduate school or professional study, accelerated admissions is one way of shortening the time before she can begin her career.

For International Students

Queens College welcomes international students. Candidates must provide the Office of Admissions with a completed college application for admission accompanied by the payment of a $15.00 filing fee. Applicants must request their own transcripts from each institution attended to be forwarded to the Office of Admissions. Transcripts must be translated into English by an official at the high school or college issuing the transcript. It is recommended that international students take the Scholastic Aptitude Test (SAT). Any student for whom English is not the first language must satisfactorily complete the Test of English as a Foreign Language (TOEFL) and have the score sent to the Office of Admissions. International students must also submit a confidential certified financial statement indicating the amount of funds available for their education in the United States.

For High School Dual Enrollment

Any student who is a junior or senior in a Charlotte-Mecklenburg area secondary school may enroll for courses at Queens during any term when recommended by the secondary school. Credit earned under the dual enrollment program may be used at Queens or another institution as college credit when the student enrolls as a degree candidate.

For Campus Visits

Prospective students and their families are urged to visit Queens. They are welcome at any time but will find visits more interesting if scheduled when the college is in session. The Office of Admissions is open from 8:30 a.m. to 5:00 p.m. on weekdays throughout the year and until noon on Saturdays by appointment.

Each year a series of special overnight campus visitations is scheduled for prospective students. Interested students should write to the Office of Admissions for details of these programs.

In Summary

While there are no deadlines for applications, prospective freshmen should apply for admission early in the senior year of high school. Application forms should be obtained from the Office of Admissions and should be returned with a non-refundable $15 application fee. Special students submit a $5 non-refundable application fee. The student should request that her transcripts and recommendations from the secondary school be sent to the Office of Admissions. Transfer students must request transcripts from each college attended.

The Office of Admissions will act on an application as soon as all information has been received. Accepted resident students are requested to mail a deposit of $150.00 to accept the Queens offer of admission within 30 days of notification. Commuting students are requested to mail a deposit of $50.00 within the same time period. The deposit is refundable until May 1.

Costs

While the Board of Trustees reserves the right to adjust the fee schedules at Queens at any time, the following basic fees have been established for 1981-82.

Comprehensive Fees

Resident Student Comprehensive Fee for 1981-82 . . . . $4,875.00

Includes tuition, infirmary, student activity fee and other services, and double room residence hall accommodations for regular full-time students registered for 12 or more credit hours each in Terms I and II, and for 3 hours in January Term.

A student may have the option of a single room for $225 per year, if rooms are available. Details of the single room policy are available in the Office of Student Affairs.

Commuting Student Comprehensive Fee for 1981-82 . . . . $3,750.00

Includes tuition, infirmary, student activity fee and other services for regular full-time commuting students registered for 12 or more hours in Terms I and II, and for 3 hours in January Term.

Note: For information concerning the $600 Legislative Tuition Grant, North Carolina students should refer to North Carolina Programs under Financial Aid.

Meal Plans

Queens offers three meal plans for the convenience of its students. Resident students are required to take one of the meal plans offered. The costs of the meal plans are:

	*Annual Rate**	*January Term*
Plan I *(21 meals per week)*	*$985*	*$135*
Plan II *(15 meals per week)*	*$945*	*$125*
Plan III *(10 meals per week)*	*$910*	*$115*

**Annual Rate includes Term I and II only.*

Meal plans II and III include any 15 or 10 of the 21 meals offered during the week. Each term, resident students will select the meal plan they prefer. The choice of meal plans may not be changed after registration for that term.

Students with special dietary needs should have a physician outline these needs in a letter to the Dean of Student Affairs so that the Food Service can prepare their meals accordingly.

Other Academic Fees

Reservation Fee

A reservation fee is required for new students upon acceptance of admission to the college, and for returning students on April 1. The reservation fee is $150.00 for resident students and is non-refundable after May 1 for Term I and January 1 for Term II. The reservation fee for non-resident students is $50.00 and is non-refundable within 30 days of registration for the applicable term.

Course Fees for Terms I and II

Art Supply Fees	$15.00-45.00
Student Teaching	$ 40.00
Physical Education (fees approximate)	
Golf	$ 20.00
Horseback Riding	$140.00

(All physical education fees are subject to change as activity costs change.)

Applied Music Course Fees for Term I, January Term, or Term II

*Full-Time and Part-Time College Students**

Weekly, half-hour private music lesson	$ 60.00
Additional weekly, half-hour private music lesson in the same or a different applied area	$ 45.00
Practice studio rental	$ 10.00
Instrument rental	$ 10.00
Organ practice	$ 20.00

*Part-time students will have the usual additional tuition charges added.

Non-Credit Students, other than Music 170, 180

Weekly, half-hour private music lesson	$126.00

Additional weekly, half-hour private music lesson in the same or a different applied area	$126.00
Practice studio rental	$ 25.00
Instrument rental	$ 25.00
Organ practice	$ 30.00

Fees for Attending One Term

Full-time students registering for only Term I or Term II are charged fees for that term only (50% of the annual fees).

January Term

January Term tuition for full-time degree candidates is included in the charges for Term I and/or Term II.

Part-time students, whether degree or special, who register for a total of 12 credit hours during Term I and Term II of an academic year, are entitled to register for January Term of that academic year at no additional cost.

Part-time students, whether degree or special, who take less than a total of 12 credit hours during Term I and Term II of an academic year must pay for that year's January Term course work at the rate of $125 per academic credit hour or $375 per January Term unit.

Summer Term Fees

All part-time tuition and course fees apply to May and June Terms. Room cost is $125 per term, for double accommodations. Board fees are announced prior to summer pre-registration during Term II.

Part-Time Fees

Part-time students taking eleven or fewer credit hours pay tuition of $125.00 per credit hour.

Auditing Fee

The auditing fee is $75.00 per credit hour.

Special fees

For certain services the college charges additional fees.

Non-refundable Application Fee for Degree Candidates	$ 15.00
Non-refundable Application Fee for Non-Degree Candidates	$ 5.00
Transcript Fee	$ 3.00
Parking Permit	$ 5.00
Identification Card Replacement	$ 3.00

Queens Conservatory Music Fees

A separate fee schedule for the conservatory applied music program may be obtained from the music department.

Other Expenses

Insurance

All full-time students are eligible for coverage under the Student Accident and Sickness Insurance Plan, described in a separate brochure. The annual cost is $50.00.

Since the insurance coverage is voluntary, students must complete the enrollment form contained in the insurance brochure and mail it with a check to the Business Office by Aug. 23, 1981. Once payment has been received, no refunds or adjustments can be made.

Room Damage Deposits

New resident students are required to make a $50 Room Damage Deposit with payment of Term I comprehensive fees. This deposit will be refunded with interest, less the cost of any damages, after the student is no longer a resident.

Miscellaneous Expenses

The cost of books and supplies varies with courses taken, but the average expense is $200.00 per year. Non-college expenses such as travel, clothing, entertainment, and incidentals vary according to individual student needs. Students joining sororities will have additional costs for initiation, dues, and special assessments. Laundry is not included in the comprehensive fees. Coin-operated machines are available in each residence hall.

While the comprehensive fee provides for basic infirmary services, the student is responsible for paying any charges for special visits, consultations, special medicines, laboratory work and hospitalization. When emergency room care or hospitalization is required, arrangements have been made to bill the charges for services to the college, which will, in turn, bill the student. Claims for insurance coverage should be filed directly with the insurance company by the student or parent.

Regulations Regarding Payment

Upon signing the application for admission, the parent or guardian, or the applicant if not a dependent, accepts as binding and contractual all fees and regulations set forth in the catalog.

1. Fifty percent of annual tuition, room and board fees is payable on or before August 15, 1981 (less applicable deposits paid), and the remaining 50% is payable on or before January 1, 1981.

2. Credits for financial aid and/or the North Carolina Legislative Tuition Grants are divided equally between Terms I and II. Students who desire to apply their work study earnings to their accounts may make arrangements with the Business Office. Questions concerning financial aid should be directed to the Director of Financial Aid.

3. Scholarship awards may be applied against the April 1, $150.00 reservation fee only if total financial aid is equal to or greater than the total of room, board, and tuition.

4. A student is not permitted to attend classes until satisfactory arrangements have been made to meet all financial obligations.

Where a note is offered, it is accepted with the understanding that the account is not considered settled until the note is paid.

5. Diplomas, certificates, and transcripts are granted only when the student's accounts have been paid in full.

Deferred Payments

Queens College offers a Deferred Payment Plan, whereby the payment due on August 15 may be made in four equal installments, payable on the 15th of August and the 1st of October, November and December. The payment due on January 15 may be made in four equal installments payable on the 15th of January and the 1st of March, April and May.

There is an additional charge of 1% per month for charges deferred under the Queens College Deferred Payment Plan. Students electing this form of payment will sign a Deferred Payment Form at registration.

Withdrawal for Illness

Students who withdraw from the college during the academic year as a result of illness will have tuition, room rent, meal charges and special fees prorated as of the date of withdrawal provided the physician recommends withdrawal in a letter to the Dean of the College of Arts and Sciences.

Withdrawal for Academic Ineligibility

A refund will be made in the case of a student determined academically ineligible to return by the

Student Qualifications Committee of the college. Such decisions are made at the end of each term. Students who have made payments or who have a credit balance toward the next term and are declared academically ineligible to return that next term will receive a refund.

Withdrawal — Other Reasons

1. Students who withdraw from the college during the academic year on their own initiative will have tuition, room and board prorated as of the date of withdrawal as follows:

	Term I	Term II
25% charged if withdrawing by	9/2/81	2/1/82
50% charged if withdrawing by	9/9/81	2/8/82
75% charged if withdrawing by	9/16/81	2/15/82

There will be no proration of tuition or fees in January Term or the summer terms after registration.

Special fees are not subject to proration.

Students who feel that individual circumstances warrant exception from the above-stated policy may appeal to the Financial Policies Committee, provided they make a written request to the Business Manager and Comptroller before the end of the term in which a proration is requested.

2. Students suspended by the college will be subject to tuition, room and board proration according to the above table.

Withdrawal — Financial Aid Policy

If a student is eligible to receive a refund under the established Queens refund policy governing all students, and the student received assistance from a Title IV federal assistance program [Basic (Pell) Grant, National Direct Student Loan, Supplemental Grant or Guaranteed Loan], an amount of up to 100% of the refund shall be returned to the Title IV programs. That amount will be the same percentage of the refund as the amount of Title IV aid was to the total aid awarded the student (less employment earnings). The following fraction will be used to determine the percentage to apply to the refund:

$$\frac{\text{Title IV Aid (minus College Work Study earnings)}}{\text{Total Aid Package (minus College Work Study earnings)}}$$

After the amount to be returned to Title IV programs has been established, Queens College will distribute this amount in the following order of priority:

1. Supplemental Educational Opportunity Grant
2. National Direct Student Loan
3. Pell (Basic Educational Opportunity) Grant
4. Guaranteed Student Loan
5. Other

The portion of the refund allocated to each program may not exceed the amount the student received from that program.

If a portion of the refund remains after the procedure outlined above, funds will be returned to other financial aid programs at the discretion of the Office of Financial Aid. Policy describing refund to non-federal programs can be obtained from the Office of Financial Aid upon request.

Withdrawal — Academic Regulations

For further information regarding the withdrawal procedure, see the section on "Withdrawal from the College" under Academic Regulations.

Financial Aid

Queens realizes that as a private institution which places quality of the educational experience above other considerations, the cost of attending Queens becomes a matter of overriding importance for many families. Applicants should not hesitate to apply for financial assistance. Queens will attempt to meet the demonstrated financial need of applicants and welcomes the opportunity to work with students and their parents. Although most awards are based on financial need, some aid is based on the academic and leadership abilities of applicants, whether or not they have demonstrated need.

In order to receive financial aid, students are expected to be enrolled for at least six credit hours per term.

Federal Programs

Pell (Basic Educational Opportunity) Grants are available to eligible undergraduate students on the basis of financial need. Grants range from $200-$1750 per academic year. A student may submit the Student Eligibility Report to the Office of Financial Aid at Queens to determine the amount for which she is eligible.

Supplemental Educational Opportunity Grants (SEOG) are available on an annual basis to undergraduate students with financial need. These grants range from $200 to $2,000 and may be renewed from year to year. Grants in any one year may not exceed half of the student's total assistance program.

The College Work Study (CWS) program assists qualified students to meet educational expenses through employment on campus during the academic year at a specified hourly rate. Eligibility for this program depends upon financial need.

The National Direct Student Loan (NDSL) program permits students with established need to borrow as much as $3,000 during their freshman and sophomore years, and up to a total of $6,000 during their undergraduate programs. These loans bear a four percent annual interest rate during repayment.

Repayment begins six months after the borrower ceases to be at least a half-time student and may extend over a period of 10 years. If the borrower enters certain public-service occupations, the loan may be canceled.

The Guaranteed Student Loan program permits students, upon recommendation of the college, to borrow from a bank or other financial institution — with a federal government guarantee of repayment — as much as $2,500 a year with a $12,500 maximum for dependent undergraduate students. Terms for the loans and applications may be obtained from participating banks or agencies in the state in which the student resides. The college will provide any interested student with the address to contact in her state. These loans are not necessarily limited to students who demonstrate financial need.

PLUS Loan Program (Parent Loans for Undergraduate Students) allows parents to borrow up to $3,000 per dependent undergraduate child, not to exceed the cost of attendance minus any financial aid. The cumulative maximum is $15,000 per child. Interest will be determined by U.S. Treasury rate and repayment is required to begin 60 days after disbursement. Loans are administered through participating lenders in the state in which the student resides. Implementation of this program may vary from state to state, depending upon state law.

The amount of funds available to Queens students under SEOG, CWS, and NDSL programs is determined by allocations made to the college each year by the U.S. Department of Education. All federal programs are subject to revision of funding or regulation by congressional action. Students are encouraged to contact the Office of Financial Aid for the most up-to-date information on these programs.

North Carolina Programs

The State Contractual Scholarship Fund is provided to Queens College by an act of the North Carolina General Assembly. Scholarships are available to full-time undergraduate students who are legal residents of North Carolina. This fund assists qualified students who demonstrate need.

North Carolina Legislative Tuition Grants in the amount of $600 per academic year are available to North Carolina residents pursuing their first bachelor degree and enrolled for twelve credit hours per term.

The North Carolina Student Incentive Grant Program (NCSIG) provides grants up to $2,000 per academic year for eligible students who are North Carolina residents. Recipients must demonstrate substantial financial need. Need analysis information should be provided to College Foundation, Inc., of Raleigh, North Carolina, before March 31.

The North Carolina Insured Student Loan Program permits state residents enrolled at least half-time to borrow through the College Foundation, Inc., up to $2,500 for undergraduate and $5,000 for graduate study per academic year at nine percent annual interest. Loans are insured and under certain conditions the Office of Education pays the interest on these loans during the in-school and grace periods.

The James E. and Mary Z. Bryan Foundation Student Loan Plan permits North Carolinians enrolled in full-time undergraduate programs to borrow, through College Foundation, Inc., as much as $1,500 per school year for a four-year total of $7,500. The interest rate is one percent annually during the in-school and grace periods and six percent annually during the repayment period. Students may apply for a Bryan Foundation Loan without submitting a parents' confidential statement. Application forms may be obtained from College Foundation, Inc.

College Programs

Departmental Scholarships are available to a limited number of freshmen and upperclassmen with outstanding achievement in specialized areas. These scholarships are currently available in the departments of biology, chemistry, music, and art.

Presidential Scholarships are offered by Queens College to as many as 10 new students each year. These are full scholarships covering room and tuition at Queens. The Presidential Scholarships are based strictly on academic achievement; financial need is not a factor. Scholarships are renewable for 3 years based on academic performance.

Applicants usually rank in the top 10% of their high school class, have average College Board SAT scores of 1250 or more, and may have demonstrated intellectual ability in the pursuit of some subject of interest. Consideration may also be given to involvement in church or school activities, leadership and influence with peers, and exceptional talent or interest in a particular field of activity.

Queens Scholar Awards are available annually to new students who have exhibited outstanding records in scholarship and leadership. The amounts of these awards vary and they are renewable for 3 years based on academic performance.

Carol G. Belk Scholarship Awards are available annually to outstanding new students. Recipients are chosen on the basis of their leadership records in school and community, academic ability, and potential for continuing leadership at Queens. The amounts of these awards may vary, but each is renewable for 3 years based on the student's academic performance.

Dana Scholarships are awarded annually to students in each of the sophomore, junior, and senior classes. The student must maintain outstanding records for scholarship and leadership. The scholars receive an honorarium and the financial needs of Dana Scholars are also met. Recipients are selected at the recommendation of faculty, by the Faculty Honors Committee.

Tuition Remission — Ministerial

Tuition remission is available to any student who is the dependent or spouse of an active Presbyterian minister. Dependents of active ministers of the Presbyterian Church, U.S., Synods of North Carolina and the Southeast, will receive a 20% tuition remission. Dependents of active ministers in all other synods of the Presbyterian Church, U.S. will receive a 15% tuition remission.

To Apply

To apply for financial assistance students must have been admitted to Queens as degree candidates and must complete and submit two application forms:

1. The Queens College Application for Financial Aid to be submitted to the Director of Financial Aid, Queens College, Charlotte, North Carolina 28274.

2. The Financial Aid Form (FAF) to be submitted to the College Scholarship Service, Box 2700, Princeton, New Jersey 08541. The student should list Queens College, Charlotte, North Carolina, CSS code #5560, as the institution to receive the report. (NCSIG applicants should also list N. C. Student Incentive Grant Programs, CSS code 0742.)

All forms are available from Queens' Office of Financial Aid.

The Financial Aid Form may also be obtained from high school guidance counselors.

Applications for financial aid for 1981-1982 should be submitted by entering students as soon as possible during the senior year. Notification of action by the college will be sent after Queens receives an evaluation of the applicant's need from the College Scholarship Service.

Financial Aid Policies

Most financial aid programs are renewable throughout undergraduate years if the recipient demonstrates satisfactory progress toward graduation, but renewal of aid is not automatic. The Student Qualifications Committee evaluates the progress of students at Queens and determines whether the student is maintaining satisfactory progress and is eligible to continue at

Queens. If a student is dismissed from the college for academic reasons, she will, of course, forfeit her financial aid.

Renewal of aid is not automatic. Rising sophomores, juniors, and seniors must reapply to the financial aid office for assistance each year. The amount offered in grants, loans and work study funds also may vary from year to year.

Financial aid recipients who withdraw during the school year and are due a refund under the established Queens refund policy, must return an appropriate portion of the refund according to the Withdrawal — Financial Aid Policy on p. 20.

Students receiving aid under certain programs are expected to assume weekly work assignments at the college. Assignments are determined by the amount of aid received and the student's particular interests and skills. Renewal of students' work study assignments each year will be contingent upon financial circumstances as well as previous performance on the job.

Queens College reserves the right to review and modify an offer of financial aid should the recipient receive aid from other sources after the Queens program has been offered.

YOU'D SMILE TOO
IF YOU WERE A
ΦM
MAY DAY

The Academic Program

Queens College offers programs leading to five bachelor degrees: The Bachelor of Arts, the Bachelor of Science, the Bachelor of Science in Nursing, the Bachelor of Music, and the Bachelor of General Studies.

Majors within the degree programs are listed below with the pages on which the specific requirements are given.

Bachelor of Arts

American Studies	73
Art	43
Biochemistry	80
Biology	77
Business	39
Business/Foreign Language	74
Early Childhood Education	92
English	55
European Studies	73
French	62
History	65
Latin-American Studies	74
Mathematics	83
Music	47
Political Science	98
Public Administration	98
Psychology	100
Religious Education	71
Sociology	102
Spanish	63

Bachelor of Science

Biochemistry	80
Biology	77
Medical Technology	86
Nuclear Medical Technology	86
Radiologic Technology	86
Bachelor of Science in Nursing	89

Bachelor of Music

Applied Music (piano, voice, organ, strings, or other instruments)	48
Music Education	48
Music Therapy	48
Piano Pedagogy	48
Sacred Music	48

Bachelor of General Studies

The Bachelor of General Studies is a flexible program in which the student selects an area of emphasis and a sequence of elective courses to fit her own particular needs and circumstances. The area of emphasis may or may not be one of the specific majors offered in the other degree programs.

Degree Requirements

A student may pursue only one degree at a time.

Required for a degree is a minimum of 122 credit hours with a cumulative quality point average of 2.000 in all work taken at Queens College and in all work in the major. Two, but no more than two, credit hours of the minimum 122 must be earned in physical education. Also required are two January Term units of credit. At least 36 credit hours must be in courses of 300 level or higher. Every degree candidate must complete at least 60 hours of her academic program at Queens College and must spend her last 30 hours at Queens College or in a Queens approved program.

A student must fulfill the degree requirements set forth in the *Bulletin* which is current when she enters Queens College.

Though the college makes every effort to counsel the student in planning a program and selecting courses of study, the student is finally responsible for fulfilling all requirements for a degree.

Educational Program

The educational program leading to a bachelor degree is composed of five inter-related parts: a major program; a program of distributed requirements; a program of elective hours which may include the choice of one or two minor programs; a program of physical education; and a January Term program.

January Term

January Term at Queens College provides a period of study during which a student concentrates on one course or learning experience. This may involve off-campus travel, an internship, an independent study, a directed reading course or a specially designed symposium.

The symposia are interdisciplinary in nature and are designed primarily for the freshman and sophomore student. Two January Term units are required for graduation.

Major Program

The purpose of a major is twofold: to give the student the opportunity to go far enough into a field to achieve some mastery of it; and to enable her to acquire knowledge, skills, and attitudes which may help make her effective in her vocation. Working with her adviser, the student will plan her major in one of two categories: departmental or interdepartmental.

Minor Program

If a student chooses, she may include one or two minors in her undergraduate program. The minor shall consist of a minimum of 16 hours in a department other than her major. The minor may be taken in any program so designated in the catalog. Minor programs must be approved by the faculty adviser and the department concerned.

Distributed Requirements

The distributed requirements, totaling at least 38 hours, assist the student in developing a program of study which will be widely representative of liberal arts studies. With one exception (Area I) these courses may be taken at anytime during the student's years of attendance.

Courses which meet distributed requirements in Area II-VII are designated in each department heading in the course descriptions. Courses in the student's major area may not be used to fulfill distributed requirements. Students are advised to investigate as many disciplines as possible within the framework of the distributed requirements and through elective courses.

Distributed Requirements

Area		*Number of Courses* *** (3 credit hours or more)*
I.	Communication Skills I and II *(taken in freshman year)*	2
II.	French, Spanish, Mathematics	2
*III.	History, Philosophy, Religion	2
IV.	Biology, Chemistry, Physics, Environmental Science 101 and 102	2
*V.	Economics, Political Science, Psychology, Sociology	2
*VI.	Art, Literature, Music	2
VII.	Physical Education	2

**Courses to be chosen from two disciplines*

***Except Physical Education (Area VII) which offers 1 credit hour per course*

Elective Hours

In consultation with faculty advisers, students choose elective hours, in addition to distributed and major area requirements, to complete the hours required for graduation. Electives afford an opportunity to develop one or two minor programs, to study in fields which directly support the major program, and to gain knowledge in additional areas.

Physical Education

One hour is given for each successful completion of a physical education course. Two physical education hours should be earned by the end of the sophomore year. No specific course is required.

Students requiring exemption from physical education activities for medical reasons must make such requests through the college physician and have approval of the Dean of the College of Arts and Sciences. Chronic conditions which would warrant exemption are to be noted on the student's medical examination form for review by the college physician.

Any student exempt from physical education for physical reasons must have 122 hours for graduation.

Degree Programs

Bachelor of Arts

A major for the Bachelor of Arts degree shall consist of no fewer than 30 credit hours. No more than 40 hours in the major department shall be required for a major. A student may, however, at her own initiative take more than 40 hours in her major department. Specific requirements in areas of the major are stated in each department heading in the course descriptions.

Bachelor of Science

A major for the Bachelor of Science degree in the areas of biology or biological chemistry shall consist of no fewer than 32 credit hours. Language proficiency of the intermediate level is also required for the Bachelor of Science degree in these areas. Specific requirements for each of the major programs are stated in the department heading in the course descriptions. Credits earned at non-academic institutions may be used toward B.S. degrees with majors in allied health areas only. All radiologic technology majors must complete the last 30 hours of credit at Queens College. The B.S. in Nuclear Medical Technology is available. This program is accredited by American Medical Association Committee on Allied Health Education and Accreditation.

Bachelor of Science in Nursing

The major for the Bachelor of Science in Nursing degree is a newly instituted program at Queens College. The Nursing Major is composed of approximately one-half nursing courses and one-half liberal arts courses to include the Queens College distributed requirements and liberal arts electives. Applicants who have been accepted by Queens College must also apply to the Nursing Division for acceptance into the Nursing Major. Students are encouraged to declare their interest in nursing by the end of the first year. Provisions are also made for consideration of persons who may wish to apply for transfer or advanced standing status (Registered Nurses, persons seeking a second degree, or individuals wishing to transfer from another college or university). Information concerning the program is available from the Division of Nursing.

Bachelor of Music

There are five major programs leading to the degree of Bachelor of Music: applied music, piano pedagogy, music education, music therapy, and sacred music. The major in applied music consists of no fewer than 73 hours in music; in piano pedagogy, no fewer than 70 hours in music are required. Under the music education major, at least 50 hours are required in music, as well as no fewer than 14 credit hours of work in an applied major performance area and four hours in an applied minor performance area. Music therapy requires no fewer than 60 hours in music and 12 hours in music therapy courses. From 68 to 78 hours in music courses are required for the major in sacred music.

Bachelor of General Studies

The Bachelor of General Studies is a degree for the adult student, age 24 and older. It is a flexible program, designed to allow a student to structure a course of study to fit her own particular needs and circumstances. The degree requires 122 credit hours, with at least 36 on the 300 or 400 level, and includes 30 hours in an area of emphasis and a three hour Introduction to General Studies Seminar. Two of the 122 minimum credit hours must be in physical education. The B.G.S. degree does not require the January Term units of credit.

The individual emphasis is designed to meet the student's personal educational objectives. Upon entering the program, the student will, with her adviser's guidance, plan the appropriate course of study.

The area of emphasis may or may not be one of the specific majors offered in other degree programs. The elective hours chosen in consultation with the student's adviser will be determined by the individual emphasis. Every B.G.S. degree candidate must complete at least 60 hours of her academic program at Queens College and must spend her last 30 hours at Queens or in a Queens approved program.

A central feature of the Bachelor of General Studies program is the close interaction of the student with an adviser who helps her plan a program of study as well as evaluate her progress from time to time.

The Bachelor of General Studies is a degree program which offers excellent career preparation and options for the older adult wishing to obtain a college degree. Specific information on this degree is available from the Office of Admissions.

Pre-Professional Programs

In combination with individual major programs available at Queens, students may elect to structure a program of study which leads to pre-professional preparation in various fields. For instance, courses of study are available to students wishing to pursue professions in the area of dentistry, law, medicine, music therapy, nursing, physical therapy, social work, and teaching.

Medicine, Dentistry, and Physical Therapy

It is recognized by leading medical educators that a genuine liberal arts curriculum provides the most suitable undergraduate pre-medical, pre-dental, pre-physical therapy, and pre-veterinary medicine background. Completion of the courses required of all students at Queens College provides desired breadth of training and intellectual skills.

Juniors and seniors may be recognized as pre-medical students upon recommendation of their advisers. A Pre-Medical Advisory Committee composed of medical doctors assists students seeking entrance to medical school. It may be helpful for these students to acquaint themselves with the specific requirements for the schools to which they expect to apply for admission.

Full information concerning any aspect of these programs may be obtained from the Queens Career Center.

Law

Law schools agree that the best preparation for graduate study in law is a broad-based and rigorous liberal arts education which introduces the undergraduate to a variety of subjects and ideas, and leads to an understanding of the political, economic, and cultural forces which shape our body of laws and the society it orders.

Law schools do not require specific undergraduate majors, but they do highly recommend that prospective students develop their skills of analysis and communication, and it is desirable that students be familiar with certain law-related subject areas. Through its Pre-Law Program, Queens offers interested students the opportunity, with the guidance of the Pre-Law Adviser, to fashion a course of study which will suit the individual student's needs in preparation for the successful study of law at the graduate level.

The Pre-Law Advisory Council, which is comprised of outstanding area lawyers, provides an important link between the Pre-Law Program and the Charlotte legal community. The Council aids in law-related curriculum planning and on-campus activities, helps identify internships in government offices and law firms, and assists students in selecting and applying to law schools.

The Queens Career Center houses law school bulletins and information regarding the Law School Admissions Tests, which interested students should plan to take early in their senior year.

Music Therapy

Under the Bachelor of Music degree, the music department has devised a 4½ year major in the field of music therapy. A special bulletin is available which contains all pertinent information about this program which is accredited by the National Association for Music therapy, Inc. Music therapy prepares a student for work with children and adults who require special services because of behavioral, learning or physical disorders. For further details, contact the chairman of the Division of Fine Arts.

Teacher Education

A teaching certificate, either at the early childhood, intermediate, or secondary level, may be secured with the Bachelor of Arts degree. Teaching certification is also possible under the Bachelor of Music program. The Bachelor of Music degree in music education is described on page 61. Details of the major in early childhood education and of teacher certification programs at the intermediate and secondary levels are given on page 47 and in the departmental bulletins about teacher education. These bulletins are available in the offices of the Registrar and of the Education Department.

Planning for certification as early as the beginning of the freshman year is advisable in some programs. Students must apply for admission to the Teacher Certification Program by the end of the sophomore year. Applications for permission to do student teaching must be made by the end of the junior year. Both of these application forms may be obtained from the Education Department.

Persons interested in teacher certification who have already earned a bachelor's degree are admitted as special students. They should consult with the Director of Admissions regarding admission and are expected to complete twelve credits successfully at Queens before undertaking student teaching.

For further information, students may consult the Director of Teacher Education Programs.

NOTE: Graduate students seeking teacher renewal credit or teacher certification may also enroll in courses at Queens. For details, interested students should consult the Dean of the College of Arts and Sciences.

Academic Regulations

Graduation Requirements

A student must fulfill the degree requirements set forth in the *Bulletin* which is current when she enters Queens College. Though the college makes every effort to counsel the student in planning a program and selecting courses of study, the student is finally responsible for fulfilling all requirements for a degree. Students should consult the *Bulletin* for degree requirements of specific majors. All academic plans are subject to approval by the student's adviser.

To graduate, a student must have completed all distributed requirements and must have at least a 2.000 Quality Point Average (QPA) in her major(s) as well as an overall 2.000 QPA.

Students Entering Prior to Fall 1979

Requirements for graduation include a minimum of 120 hours academic credit plus two physical education units and one January Term unit for each sixty academic credit hours earned at Queens.

Students Entering Fall 1979 and After

Freshmen are required to have a minimum of 122 hours academic credit including two, but no more than two, physical education courses plus two January Term units.

Transfer Students

A minimum of sixty of the total 122 academic hours required for the bachelor's degree must be completed at Queens. Thirty-six hours at the 300 level or above must have been completed at Queens or other four-year institutions. Courses transferred from two-year institutions are classified at the 100 (freshman) or 200 (sophomore) level.

Term Load

The academic year consists of Term I, January Term and Term II. The normal load for all students is from 12 to 16 credit hours per term (I and II) and one inter-term course in January. Any full-time student wishing to take more than 16 hours in Term I or II must obtain permission from the Dean of the College of Arts and Sciences.

Grading

Queens College uses the following system of grades and quality-point value per credit hour:

Grade	*Interpretation*	*Quality-Point Value*
A	Superior	4.0
B+	Very Good	3.5
B	Good	3.0
C+	Very satisfactory	2.5

C	Satisfactory	2.0
D	Poor	1.0
F	Failing	0
P	Pass	(0)
N/R	No Record	(0)
W	Withdrew	No effect on quality points
I	Incomplete	May become A to F upon completion

Grade reports are sent at the end of each term. Mid-year reports are issued in Terms I and II to indicate special difficulties in course work. Only final term grades are permanently recorded.

A student who has received an F for a course may repeat that course; the F will remain on the student's record in that case, but only the second grade for the course will be figured into the student's cumulative quality point average. This is the *only* case in which a student may register to enroll in the same course twice unless the course is listed "May be repeated for credit."

Pass/No Record

Pass / No Record (P / NR) is a grading philosophy designed to encourage students to explore new areas. Students may elect to take up to a maximum of two courses a year on a P / NR basis, but may take no more than one course on a P / NR basis in any one term.

Some courses, such as Introduction to Programming (Computer Science 100) and Typing (Secretarial Practice 101, 102), are designated as P / NR for all students. Some specifically designated courses (for example, applied music) may not be taken P / NR. Courses selected by the student to fulfill the distributed requirements may be taken P / NR.

The student indicates at registration her intention to take a course P / NR. Up to one week after the midpoint of the semester, however, she may change the P / NR basis to a graded basis, in consultation with the Registrar.

P equals a grade of C or better; NR equals a grade of D or F. Courses taken for P / NR are not counted in the calculation of the student's quality point average. Unless a student obtains permission from the Dean of the College of Arts and Sciences and the department chairman, she may not take a course in the department of her major or in her major program on a P / NR basis. Students planning advanced academic work should be aware that the Pass grade may be interpreted as C by graduate institutions, and an inordinate number of such grades may be looked upon with disfavor by graduate admissions committees.

Incompletes

A student who has received the grade of Incomplete (I) has a specific time period within which to complete the course work. A grade of I automatically becomes F if the student fails to make up incomplete work satisfactorily. It is the student's responsibility to contact the professor and make arrangements for the work to be completed.

A grade of I received during Term I or January Term must be changed to a grade by the end of the second full week of regular classes of Term II. Term II and Summer Term incompletes must be changed no later than two weeks into Term I of the following academic year.

Examinations

Although professors evaluate student work periodically, final examinations, generally in the form of written examinations, are made in all courses at the end of each term. Final written examinations are generally between two and three hours long. In 300 and 400 level courses the professor may give the examination during the scheduled examination time or give a take-out examination.

The office of the Registrar publishes a schedule for final examinations. The first day of the examination period is designated Reading Day, on which no classes are held, giving students an opportunity to prepare for examinations. Permission to change an examination schedule or to make up an examination must be granted by the Dean of the College of Arts and Sciences.

Student Rank

Students following a degree program and carrying the required term load are granted class rank according to their credit hours earned.

Class Rank	Credit Hours
Freshman	0-30
Sophomore	30-60
Junior	60-90
Senior	90-122 or more

Student Classifications

Regular Student classification is for all degree candidates.

A *Special Student* is one who is admitted with non-degree status and may enroll for a cumulative total of 15 credit hours. After completing 15 credit hours, a special student must apply for regular admission or receive special permission to continue; however, a special student with a bachelor's degree may take unlimited credits as a special student. Special students must comply with all college regulations.

A *Contract Student* is a student from another college who is taking courses at Queens, but who is a degree candidate at the other institution.

A *Continuing Education* student is one who is enrolled only in non-credit programs.

A student who is enrolled as a full-time student at Queens College but who has been granted permission to take a course or courses at one of the other ten colleges in the Charlotte Area Educational Consortium is a *Consortium Student*. Queens students, if qualified, may enroll at one of the other colleges for any course not offered at Queens and receive full credit toward the Queens degree without the payment of additional fees. Arrangements must be made through the Registrar's office. Consortium arrangements do not apply to Summer Sessions.

Student Qualifications

The faculty of Queens College determines academic standards which are administered by its Student Qualifications Committee. This committee reviews each case of academic difficulty. A student is automatically on academic probation if her cumulative quality point average is below the following values for class standing:

Class Rank	*Credit Hours*	*Term I Completed*	*Term II Completed*
Freshmen	0-30	1.500	1.800
Sophomores	30-60	1.800	1.900
Juniors	60-90	1.900	2.000
Seniors	90-122	2.000	2.000

Second semester freshmen on academic probation must earn a term QPA of 1.800 in 9 earned hours. Thereafter, a student on academic probation must earn a term QPA of 2.000 regardless of status.

When students fail to make quality point averages according to these guidelines, the Student Qualifications Committee places various stipulations to encourage the students to meet the minimum standards. These stipulations are sent in writing to students and to parents or guardians. If the student does not meet the stipulations set she will be subject to dismissal from the college.

A student on academic probation may petition the Student Qualifications Committee for exception from probation if she has achieved a QPA of 2.500 or better for the previous Term I or II.

The records of part-time students will be reviewed for probationary considerations after 9 semester hours of work have been completed at Queens College and thereafter according to the above policy.

The student who does not show improvement and fails to meet the scholastic standard may be asked to withdraw from the college. All decisions regarding dismissal may be appealed to the president of the college. Following a full semester of absence from the college, a student may apply for readmission.

Eligibility to Represent the College

In order to be able to run for an office on campus, or represent the college in extra-curricular activities, the student must have a QPA of at least 2.000. Students on probation may not represent the college.

Dean's List

Degree candidates who achieve a term average of 3.500 or better in at least 12 hours of graded work for the term are named to the Dean's List. Students with Incompletes in courses cannot be considered.

Registration

Registration is held at the beginning of each semester. At this time, students enroll for courses, have identification cards made, purchase meal tickets and parking stickers, and make financial arrangements with the Business Office. Students are not considered registered unless tuition and fees for the semester have been paid or arrangements for payment have been made.

Toward the end of each semester, *pre-registration* dates are set in which a student, in consultation with her adviser, plans the schedule of courses she intends to take during the following semester.

Academic Advising

It is the student's responsibility to schedule advising appointments with her academic adviser as often as necessary in order to plan course schedules for each term and discuss current academic problems. The adviser is to be used as a resource and a guide in planning and meeting all graduation requirements.

Drop / Add

Courses may not be added or dropped on Registration Day. The Drop/Add process takes place during the first calendar week of classes at the beginning of each semester. To drop or add a course, the student obtains a form in the Registrar's office, and secures her adviser's signature to make the change. (Course instructors do not sign Drop/Add forms.) The form is then returned to the Registrar's office, not later than 5:00 p.m. on the last day of the first calendar week of classes. There is no charge for Drop/Add, and nothing will appear on permanent records if procedure is followed.

Auditing Courses

A regular student carrying a load of 12 to 16 credit hours and maintaining a B average may, with the consent of the Dean of the College of Arts and Sciences and the course instructor, audit a course. Audit courses receive no credit but do appear on college transcripts. Students must designate audit courses at registration. Drop/Add and Withdrawal procedures apply to audit courses. Auditors are expected to attend classes regularly.

With permission from the Dean of the College of Arts and Sciences, special students may audit a course. Special students must pay an auditing fee of $75.00 per credit hour.

Summer School

Queens College offers a summer program consisting of two three-week terms held during May and June. Students may choose from a listing of catalog courses or may arrange independent studies or internships. Information on summer sessions at Queens is available during Term II in the office of the Dean of the College of Arts and Sciences.

Students who wish to attend summer school at other institutions must obtain a Summer School Permission Form from the Registrar's office, to be signed by the student's academic adviser and the chairman of the division for the courses being requested. Approved summer courses taken at other accredited colleges and universities with the grade of C or higher may be counted toward the 122 credit hours required for graduation, provided these courses are comparable or supplemental to those offered at Queens. To receive credit, the student must request that her summer school transcript be sent to the Queens College Registrar. Only the credit hours and quality points earned at Queens are counted in calculating a student's quality point average for graduation.

Attendance Policies

As a general policy, the college expects students to attend all class sessions. Specific attendance policies are set for each course by the individual faculty member and announced at the beginning of each semester. If the policy is not announced at the beginning of the semester, the student should make a point of asking about the policy at that time. The infirmary, Dean's office, or other offices in the college do not excuse absences; they merely notify of reasons for absences.

Internships

Queens College provides internships as useful and desirable educational experiences for its students. Internships are planned and supervised out-of-class work experiences which use skills and theories learned in classroom settings.

To be eligible for internships, students should have the academic preparation necessary as a basis for such experience. Generally, internships are restricted to upperclassmen; however, freshmen and sophomores with unusual backgrounds in or strong motivation for such work experiences are not excluded from participation.

Guidelines for internships available in the office of the Dean of the College of Arts and Sciences describe qualifications and procedures for registering. The student and her adviser are responsible for following these guidelines.

The student and her adviser plan an internship using as resources the career center and faculty internship advisers. The adviser reports a grade and serves as a contact person on campus for the intern and the off-campus project supervisor. Unless otherwise designated, all internships are at the 200-level, and are graded on the Pass/Fail basis.

Exploratory Internships

The exploratory internship enables

a student to gain knowledge in an area in which she may have an interest and to explore areas in which she may wish to develop a career. The student may earn a maximum of 6 hours credit toward graduation requirements through exploratory internships. Summer job experience cannot be considered for credit.

Professional Internships

The professional internships are listed as catalog courses and encompass field placement courses, practica, internships within requirements of a major, and student teaching programs. Professional internships are restricted to upperclassmen, although exceptions may be made under unusual conditions. These internships are an integral part of the academic program and are limited only by the requirements of a given major as described in the catalog. To register for a professional internship, the student must make specific arrangements with the faculty adviser, the appropriate professor, and the division chairman.

Independent Studies

A student may, under the direction of a professor and with the approval or her adviser, undertake an independent study of a topic of interest. This study may take one of several forms, such as a project, individual research, or a directed reading. Students who wish to pursue independent study should consult the *Bulletin* for catalog listings of independent studies and directed readings in the subject area. After obtaining approval from the appropriate professor and her faculty adviser, a student may register for a catalog-listed independent study just as for any other course. Independent studies and directed readings courses which are not listed in the *Bulletin* require special forms which are available in the office of the Dean of the College of Arts and Sciences.

Withdrawal from a Course

A student who wishes to withdraw from a course may not simply stop attending classes. If she does not follow the procedures for withdrawal she will receive an "F" in the course. Withdrawal with the grade of "W" is possible until the end of one calendar week after the designated midterm point in each semester. The withdrawal form, which is obtained in the Registrar's office, must be signed by the adviser, the professor, the Dean of the College of Arts and Sciences, and the student, and returned to the Dean's office. All withdrawals will appear on the transcript.

Withdrawal from the College

Any student who plans to withdraw from the college before the end of the term must notify the Dean of the College of Arts and Sciences in order to maintain a good standing and have grades recorded as "W". If the student does not give notification to the Dean before the end of the term, all grades are recorded as "F."

The student who wishes to withdraw must first visit the office of the Dean and set up an appointment for an exit interview. This interview may be with the Dean of Student Affairs, the Dean of the College of Arts and Sciences, or a person designated by either dean. Once the student has had her exit interview, she signs the Withdrawal from the College form. The official date of withdrawal is the date on which all required signatures have been obtained. The student is then escorted to the Business Office, Financial Aid Office, and Student Affairs Office for clearance and signatures regarding financial matters.

If a student simply stops attending all classes and does not notify the Dean of intention to withdraw, the college does not consider that the student has officially withdrawn.

In the event that the student has been absent for reasons of illness and, therefore, is considered unable to complete the process at the actual time of withdrawal, a date of signature is determined in discussion by the Dean of the College of Arts and Sciences, the student, and the Treasurer or other appropriate representative of the Business Office.

The college reserves the right to require at any time the withdrawal of a student whose conduct or academic work is not considered satisfactory.

For information regarding the financial aspects of withdrawal from the college, please consult the section on Costs.

Undergraduate Program Tests

The college arranges for and requires all students academically classified as seniors to take the Undergraduate Program Tests.

Records of Progress

Records of progress are kept by this institution on veteran and non-veteran students. Progress records are furnished the students, veterans and non-veterans alike, at the end of each scheduled school term.

The College Library

Everett Library, located at the center of the campus, also sits virtually at the demographic hub of the Charlotte metropolitan area. It is the descendant of two centuries of book buying among North Carolina's Scotch-Irish settlers. The present library collection was housed in Burwell Hall from the 1920's until the 1950's.

Through the generosity of Herschel Hill Everett, Chairman of the Board of Trustees from 1952-1967, and his wife Cornelia Nisbett Everett, the collection moved in 1960 into one of the city's most spacious and inviting structures. Colonel J. Norman Pease designed the building and Edmund D. Lewandowski's mosaic depicting the areas of knowledge available within the liberal arts tradition has become the visual focal point for the dormitory quadrangle.

The library collection is the core of the liberal arts community and is designed to support all regular academic programs of the college. To accomplish this end, over 83,000 catalogued volumes and 650 current periodicals are housed in open stacks on the upper two floors, available for student use. The lower floor houses 16,000 bound volumes of periodicals and 2,600 reels of microfilm including *The New York Times* from 1905. The Media Center also occupies the lower floor of the building. The collection, which is growing at a rate of 2,000 volumes a year, is further supported by additional funds: Sadie Gaither Anderson (Religion), Rena Chambers Harrell (Reference), and Mary Waters Covington, etc.

Since 1927, the Library has been a selective depository for U.S. government publications. As members of the Charlotte Area Educational Consortium, Queens students have limited access to the documents holdings in several area college libraries and to the public library system.

Although most books are centrally housed in the Everett Library, the music department maintains in E.H. Little Fine Arts Center a collection of phonograph records and scores pertaining to the history and performance of western music.

The Instructional Media Center is capable of serving the entire campus through the preparation of a variety of materials, including transparencies, audio reproduction, and video.

Within this Media Center is located the education department's Curriculum Materials Collection of state-adopted textbooks and other learning materials appropriate for future teachers in pre-school through secondary school programs.

During the two main academic sessions the library is open from 8:00 A.M. to 11:00 P.M., Monday through Thursday; 8:00 A.M. to 5:00 P.M. on Friday; 11:00 P.M. to 4:00 P.M. on Saturday; and 2:00 P.M. to 11:00 P.M. on Sunday. The operation schedules for January, May, and June sessions are reduced. A 24-hour Study Room is provided in several of the dormitories for those students who wish to study when the library is not open.

Students have free access to the stacks and may receive instruction in the use of bibliographic and reference works at all times. The library encourages use by students, faculty, and staff members, alumnae, Friends of the Library, ministers of the Mecklenburg Presbytery, and other individuals with special permission.

Everett Library maintains a special and unique relationship with its independently sponsored Friends of the Library organization. Founded in 1971, the community group hosts an annual "book and author" luncheon, contributes significantly to the interior decor of the building, provides modular study areas, and has established a Special Collections Room (1978) in honor of the late Rena C. Harrell, Queens' first librarian from 1926 to 1956. Located on the second floor, this special study room houses collections pertaining to Mecklenburg County's early history from 1751 to 1860, rare books and maps, and materials related to the history of Queens College.

Students and faculty members will discover Everett Library to be a source for study and personal growth during their college days and as they relate to the community in which they live. The collection maintains enough depth for research and breadth for the mental preparation needed for a lifetime of successful living.

Courses of Instruction

Course Listings

Course listings give general information concerning each area of study and the requirements for major programs in each discipline. These requirements should be carefully noted by students when deciding on a major.

Many of the courses in the sections beginning on page 39 will be listed in the course schedule which is distributed prior to each term.

Course Numbers

In general, courses numbered 100-299 are primarily for freshmen and sophomores; those numbered 300-499 are primarily for juniors and seniors. In specific cases, however, the individual student's ability and background rather than her class standing will determine the appropriate level of work.

Double numbers separated by a comma (e.g. 300, 302) indicate that the completion of both courses forms a desirable unit. Occasionally the first course is a prerequisite to the second.

Course Changes

Queens College reserves the right to change the course offerings and instructors indicated in this catalog without prior notice to persons who may thereby be affected. Every effort is made to help a student affected by a course change by providing the opportunity for an independent study or seminar arrangement.

Division of Business and Economics

William N. Turpin, *Chairman*
Professor of Business and Economics

Ronald J. Basini
Assistant Professor of Business

Larry W. Carroll
Lecturer in Business

Robert L. Finley
Associate Professor of Finance and Economics and Coordinator of the MBA Program

Micheal B. McCormick
Associate Professor of Business Administration

Charles D. Salley
Assistant Professor of Business and Economics

Sarah M. West
Assistant Professor of Business

Karen J. Zapata
Assistant Professor of Business

Courses offered in this department provide opportunity for the study of the principles that govern economic and business systems, in theory and in practice.

Careers

Major study in business may lead to careers in banking, commerce, industry, and government or to graduate study in economics, business, and law.

Major

A major in business is offered by the department. Students completing the requirements will receive a Bachelor of Arts degree in business. (By selecting advanced business electives offered in the department, students may have some degree of concentration in marketing management, or investment/finance.)

Requirements for the degree: Economics 201, 202; Business 207, 208, 310, 314, 340, 352, 490, 499, and Mathematics 206. In addition, the student should consider taking at least two 300-level business electives. Other suggested courses include: Mathematics 113, 405, and 406; Computer Science 200, 210; Psychology 303, 311; Political Science 202, 324; Sociology 312, 321, 325, and 340.

Minor

Minor in business: 18 credit hours of courses in business and economics of which 12 credit hours should be selected from the following courses: Economics 203, 204, Business 207, 208, 314, 340, and 6 credit hours from courses above the 300 level.

Queens College Secretarial Proficiency Certificate

A certificate will be awarded to those students who have completed a minimum of 30 hours: Secretarial Practice *101, *102, *211, 212, 250, 311; Business 105, 207, 234; English 101, 109; 3 hours elective. *Can be replaced by electives if a proficiency exam is passed.

Distributed Requirements

The requirement, Area V, may be met by Economics 203 or 204. Business majors may not use economics courses to fulfill Area V distributed requirements.

Business Administration

105 Introduction to Business

3 Hrs.

A brief introduction to each of the principal areas of the business curriculum: Management, Marketing, Finance, and Accounting, as well as to the role of business in American society and the nature of the private enterprise system.

207 Financial Accounting I

3 Hrs.

An introduction to accounting principles with emphasis on the recording and reporting of financial accounts and statements.

208 Financial Accounting II

3 Hrs.

An introduction to the theory, methods and uses of accounting information in solving business problems and the role of accounting standards in economic and corporate decisions and behavior.

Prerequisite: Business 207.

234 Office Administration

3 Hrs.

Correlation of all phases of secretarial work including office management and procedures.

Prerequisite: Typing skill.

300 Current Topics or Specialized Areas in Business

3 Hrs.

Course designed to investigate and/or evaluate current topics or specialized areas of business. Course topic is to be announced the semester preceding the offering.

Prerequisite: To be designated for each specific course offered.

301 Research and Report Writing

3 Hrs.

Instruction and implementation of business research methods; report preparation and presentation; interpersonal, group, and mass communication, both written and oral.

309 Managerial Accounting

3 Hrs.

An analysis of accounting information in identifying issues; analysis of the use of accounting and economic data from a management viewpoint.

Prerequisites: Business 207 and 208.

310 Business Law

3 Hrs.

Course intended to give the student some knowledge of the legal rights and duties of the businessman with regard to contracts, agency, sales, negotiable instruments, employee and employer relationship; transfer of real and personal property, and related items.

312 Complex Organizations

3 Hrs.

Analysis of nature and types of complex organizations and their significance in modern life and societies.

NOTE: Students may elect this course as Sociology 312.

314 Principles of Management

3 Hrs.

Survey of the principles of management for leadership roles in business or public service careers; special attention will be given to personal leadership skills, to ethical considerations in business, and to research and current practice in basic management activities of planning, organizing, leading and controlling.

320 Business Ethics

3 Hrs.

An analysis of the relationships which exist between government actions, business practices and the social impact of these forces.

340 Marketing

3 Hrs.

A role of the marketing function in planning and implementing objectives of the firm. Consumer markets, industrial markets, channels of distribution, product and pricing policies, sales forecasting, promotion and control.

352 Corporate Finance

3 Hrs.

Nature of business finance and its relation to economics, accounting, and law: capital, capitalization, working capital; financial planning, initial financing, refinancing and expansion; internal and external financial affairs of business firms.

Prerequisites: Economics 204; Business 207 and 208.

400 Marketing Management

3 Hrs.

Marketing concepts and practices are implemented in order to provide an operational framework for decision analysis, strategy design and management control. Marketing cases will be used to simulate the decision making process.

Prerequisite: Business 340.

430 Financial Management

3 Hrs.

The study and application of financial techniques for both internal and external needs of the enterprise. Concentration will be on the management of capital, its sources and uses within the firm.

Prerequisite: Business 352.

449 Independent Research / Study

3 Hrs.

A program of directed readings on research projects. Approved by the supervising professor. Open to business major seniors or by permission of instructor.

490 Business Professional Internship

3 to 9 Hrs.

Designed to give the student experience in the business field.

Prerequisites: Upperclass standing, Economics 203 and 204, Business 207, 208, 314, 340, and permission of the instructor.

499 Business Policy

3 Hrs.

Designed to synthesize all facets of the business curriculum by studying business problems through the use of case studies and independent research and discussion of various means of resolution and their viability in the business world.

Prerequisite: All other required business major courses.

Economics

101 Introduction to Economics

3 Hrs.

An introduction to selected contemporary economic problems and the economist's techniques for coping with them.

201 Principles of Microeconomics

3 Hrs.

Survey of economic principles, dealing with specific components of the economy and their application to economic problems; basic demand and supply theory; the theory of production and income distribution; agriculture, government regulation, and labor organizations. 205, 300, 345, 351, 405, 449.

202 Principles of Macroeconomics

3 Hrs.

Introductory survey of aggregate economic principles; the scope and method of economics; business organizations; money and prices; national income theory; economic stabilization policies and international trade.

205 Personal and Family Economics

3 Hrs.

Study of the management of personal and family financial affairs. Open to juniors and seniors and to others only with permisison of the instructor.

300 Current Topics or Specialized Areas in Economics

3 Hrs.

Courses designed to investigate and/or evaluate current topics or specialized areas of economics. Course topics are announced the term preceding the offering.

Prerequisite: To be designated for each specific course offered.

345 Intermediate Microeconomic Theory

3 Hrs.

The study of resource allocation in the determination of optimum output and pricing by a firm. Emphasis includes utility and production functions and the application of microeconomic theory given various market conditions.

Prequisite: Economics 204.

351 Money and Credit

3 Hrs.

Study of the fundamental principles and practices of the money and credit systems of the United States: financial institutions; commercial banking; the Federal Reserve System; monetary theories and policy.

Prerequisites: Economics 203 and 204; Business 207 and 208.

405 International Economics

3 Hrs.

A study of international institutions, international trade theory, monetary relations, and policy issues. Topics covered include import and export practices, multinational corporations, tariff and trade restrictions, balance of payment and reserve currencies.

Prerequisite: Economics 203.

449 Directed Individual Study

1, 2, or 3 hrs.

A program of directed readings, independent study of an approved program, or an approved project formulated by the student and approved by the department.

Secretarial Practice

101 Beginning Typing

2 Hrs.

Training in the touch system of the keyboard; introduction to tabulation and letter styles. First seven weeks of the term. This course is conducted on a Pass / No Record basis for all students enrolled.

102 Advanced Typing

2 Hrs.

Mastery of tabulations, manuscripts; accurate and attractive production of business forms and statistical tables; building of typing speed to minimum 40 words per minute.

Prerequisite: Secretarial Practice 101 or equivalent.

Second seven weeks of the term. This course is conducted on a Pass/No Record basis for all students enrolled.

211, 212 Elementary Shorthand

3 Hrs., 3 Hrs.

Development of a writing knowledge of Gregg Shorthand to a minimum sustained note-taking speed of 60 words per minute on new material with 95 percent accuracy in transcription.

250 Secretarial Professional Internship

3 Hrs.

A student will choose an office situation of her particular interest, subject to the approval of the Business and Economics Department, and work for a period of three weeks (no fewer than 120 hours). Each student will give a written report at the end of the three weeks, and the employer will be asked to give a critical evaluation.

Prerequisites: Secretarial Practice 102 or its equivalent, and a minimum of nine hours of courses required for the Queens College Secretarial Proficiency Certificate; or permission of instructor.

311 Advanced Shorthand

3 Hrs.

Building of minimum sustained notetaking speed on new material to 100 words a minute and production of commercially acceptable transcripts.

Prerequisite: Secretarial Practice 211, 212 or the equivalent.

Division of Fine Arts

George A. Stegner, *Chairman*
Dana Professor of Music
Richard F. Crown
Associate Professor of Art
*Nancy Eagle Duncan
Dana Professor of Music
Elaine A. Gaertner
Lecturer in Music and Director of the Queens Conservatory
Barbara E. Harmeyer
Assistant Professor of Art
Diane Ketchie Irgens
Instructor of Music
W. Jeffrey Irgens
Instructor of Music
Joseph E. Lammers
Professor of Music
Lawrence E. Merenstein
Assistant Professor of Art
Paul Arlyn Nitsch
Assistant Professor of Music
Ben N. Pfingstag
Assistant Professor of Art
Aleo G. Sica
Associate Professor of Music
Robert Eugene Stigall
Lecturer in Music and College Organist
Olinda F. Wilson
Instructor of Music Therapy
**Leave of Absence 1981-82*

Art and Design

The Department of Art and Design offers varied programs leading to the Bachelor of Arts Degree. The curricula are designed to prepare students for graduate study, teaching, museum work, and professional careers in Art and Design areas. Studio experiences are balanced by courses in art history and the liberal arts to strengthen the humanistic base of the programs. The essential aim of the programs is to develop intellectual and performance abilities, and assure a sound foundation for further development of the student, or for her entry into a professional field.

Studio courses may be taken on a Pass/No Record basis.

Bachelor of Arts

There are five areas of concentration. Major requirements are:

Two-Dimensional Concentration (Painting, Drawing, Printmaking, Photography): Art 104, 111, 112, 133, 134, 202, 203, 204, 302, 310, one 300-level course in art history, two art courses at the 300-level or above, and 499.

Three-Dimensional Concentration (Ceramics, Sculpture): Art 104, 111, 112, 133, 134, 203, 223, 303, 324, 403, one 300-level course in art history, two art courses at 300-level or above, and 499.

Graphic Design: Art 104, 111, 112, 133, 204, 310, 327, 340, 345, 350, 351, 404, 498, and 499.

Art History: Art 111, 112, 328, 329, 330, 407, and 3 courses in the studio area (the following are suggested, as they do not involve prerequisites, nor do they assume studio expertise: Art 101, 223, 327, 345, 380).

American Art/Museum Studies: Art 101, 111, 112, 307, 308, 340, 407, and the following courses from the Program in Museums, Archives, and Historic Sites: MAHS 250, 377, two internships in MAHS 475, and Art 499.

Art Education (K-12 Art Specialist Certificate Program): Art 104, 111, 112, 133, 134, 202, 203, 211, 213, 223, 300, 310, 380, 499; Education 221, 310, 345, 441; Psychology 319.

An exploratory internship (IDS 205) for three credit hours must be taken in the public schools during the sophomore year, preferably during the January Term. The field experiences in Education 441, Student Teaching in Art Education, and IDS 205, Exploratory Internship, must be taken on different levels to assure experience in both elementary and secondary schools. Art 498 is recommended as an elective.

Minor

Art 104, 111, 112, 133, 134, 203, or 223, and one additional course at the 300 level or above, are required.

Freshman Portfolio

All incoming freshmen are required to submit samples of their work prior to entry into a studio concentration. In the event of absence of portfolio, or failure of portfolio to meet departmental standards, students will be required to take Art 101 prior to further consideration into the program. Art 101 does not count as major credit or toward distributed requirement for studio concentration students.

Sophomore Review

Sophomore review is required of all majors. The student registers for Sophomore Review in Term II of her sophomore year or when she has completed 18 credit hours in art. This review is by a full art faculty committee and aids the student in planning her junior and senior years.

Studio concentration students show 10 works in a portfolio. AA / MS students and Art History concentration students submit one 10-15 page paper to be reviewed.

Distributed Requirements

Art 101 and all art history courses will fulfill distributed requirements, Area VI. Art majors may not use art courses to fulfill Area VI distributed requirements.

Internships

Internships are an integral part of all programs within the department, and provide the student with valuable practical experience in all professional areas.

101 Introduction to Art

3 Hrs.

Designed for the student with little or no art experience who wishes to gain some understanding of fundamental concepts necessary for the visualization of an idea. Involves aspects of lecture and studio procedure. Concepts of line, value, form, structure, space and color will be introduced through periodic slide presentations. Exploration of such media as pencil, pen and ink, charcoal and acrylic paint. Subject matter: still-life and landscape.

104 Drawing I

3 Hrs.

Emphasis on drawing through close observation of nature, and as an expressive medium for communicating felt responses to subject matter.

Exercises in contour, gesture, modeled form, and light, using still life, landscape, and the human figure. Media to include pencil, charcoal, ink, and tempera.

Six hours studio a week.

Prerequisite: Portfolio approval.

111 Ancient to Early Renaissance Art

3 Hrs.

Survey of stylistic developments in architecture, sculpture, painting, and the minor arts of the Mediterranean and European countries from prehistoric times to approximately 1500 A.D.

112 High Renaissance Art to the Present Time

3 Hrs.

Survey of stylistic developments in architecture, sculpture, painting, and the minor arts of Europe and America from approximately 1500 to the present day.

Prerequisite: Art 111 or permission of the instructor.

133 Two-Dimensional Design

3 Hrs.

Exploration of basic elements of line, pattern, texture, in relation to surface concerns of movement, rhythm, and direction; the use of traditional and non-traditional media; various approaches to the organization and interaction of form in two-dimensional space.

Six hours studio a week.

Prerequisite: Portfolio approval.

134 Three-Dimensional Design

3 Hrs.

Exploration of basic elements of three-dimensional form and space; use of a wide variety of materials and tools; various approaches to the organization and interaction of form in three-dimensional space.

Six hours studio a week.

Prerequisite: Portfolio approval.

202 Painting I

3 Hrs.

Studies in basic structure and color, with emphasis on pictorial elements interpreted through painting media.

Six hours studio a week.

Prerequisite: Art 133, 104.

203 Sculpture I

3 Hrs.

Fundamental studies in the creative organization of space and mass; the technical problems of modeling, casting, and carving.

Six hours studio a week.

Prerequisite: Art 104.

204 Drawing II

3 Hrs.

An intermediate course based primarily on the study of the human figure, using a variety of drawing media.

Six hours studio a week. Supply Fee $25.

Prerequisite: Art 104.

211 Methods in Secondary Art Education

3 Hrs.

Exploration of art media, techniques, and teaching methods appropriate to the secondary school. Laboratory teaching situations will provide immediate experience with secondary school students.

Four hours studio a week. Supply Fee $15.

213 Methods in Art Education

3 Hrs.

Exploration of drawing, design, color, and materials and their application to problems in art for elementary school pupils.

Four hours studio a week. Supply Fee $15.

Prerequisite: Ed. 221, Ed. 310.

223 Ceramics I

3 Hrs.

Fundamentals of both hand building and throwing on the potter's wheel. Hand building techniques will include pinch, coil, and slab construction. Glaze instructions will stress the relationships between form and color.

Six hours studio a week. Supply Fee $45.

300 Principles of Art Education

3 Hrs.

Exploration of historical and contemporary approaches to art education, with classroom observation in local schools.

Prerequisite: Ed. 221, Ed. 310.

302 Painting II

3 Hrs.

Advanced study with an emphasis on the individual development and experimentation in a chosen painting medium.

Six hours studio a week.

Prerequisite: Art 202.

303 Sculpture II

3 Hrs.

Examination of the human form as basis for sculptural expression; special attention placed on anatomical studies, interrelationship of body parts, proportions, and life studies.

Six hours studio a week.

Prerequisite: Art 203.

304 Drawing III

3 Hrs.

An advanced drawing course encouraging an independent and critical attitude and approach through more extended, student-directed studies in a wide variety of media, including work in color.

Six hours studio a week.

Prerequisite: Art 204.

307 Art in the United States

3 Hrs.

Study of the architecture, sculpture, painting, and minor arts of the Colonial period through the present, supplying courses in American social and political history.

Prerequisite: Art 111, 112, or permission of instructor.

308 Crafts and Design in the United States

3 Hrs.

A study of the broad range of design applications to utilitarian uses, including early Indian artifacts, colonial housewares, furniture, and the impact of modern technology on the crafts and design field.

Prerequisite: Art 111, 112, or permission of instructor.

310 Printmaking I

3 Hrs.

Exploration of the basic principles of printmaking through such media as wood cuts, linoleum cuts, or serigraphy. Pictorial composition, sound procedure, and techniques are stressed in the program.

Six hours studio a week. Supply Fee $35.

Prerequisite: Art 104, 133.

323 Ceramics II

3 Hrs.

Further exploration of ceramic possibilities including advanced throwing techniques, larger hand construction projects as well as basic glaze formulation theory.

Six hours studio a week. Supply Fee $45.

Prerequisite: Art 223.

327 Photography

3 Hrs.

Photography used as an expressive medium and as a tool for exploring visual experience. Emphasis will be on selection and treatment of subject matter. Students will learn necessary skills in photographic technique and be acquainted with the historical development of photography.

Six hours studio a week. Supply Fee $25.

328 Nineteenth Century Painting

3 Hrs.

Study and analysis of painting from the time of David through the Post-Impressionists and resulting influence upon the development of art in the 20th century.

Prerequisite: Art 111 or 112 or permission of the instructor.

329 Twentieth Century Painting

3 Hrs.

Historical study of international artistic expressions of the 20th century and discussions of trends and aesthetics of contemporary art.

Prerequisite: Art 111, 112, or permission of the instructor.

330 The Age of Rembrandt

3 Hrs.

An extensive survey of painters and paintings in seventeenth-century Holland, including such figures as Frans Hals, Rembrandt, and Jan Vermeer. Focus on the development of various categories of Dutch painting: seascape, still life, landscape, group portraiture, interior scenes. Attention given to the general background of ideas and events which shaped this national art.

Prerequisite: Art 111, 112, or permission of instructor.

340 History of Graphic Design

3 Hrs.

A survey of the varied forms, processes, and applications of graphic communication, from antiquity to the more sophisticated techniques and approaches of the contemporary designer.

345 Letterforms

3 Hrs.

Historical and psychological meanings of letters, including a variety of hand and mechanical methods of lettering in use today.

350 Techniques in Graphic Design

3 Hrs.

A practical study of the technical considerations and methods used in preparation of art for various printing processes; supplemented by periodic trips to graphic studios and printing plants.

Prerequisite: Art 133.

351 Concepts in Graphic Design

3 Hrs.

Focus on design problems of organization, layout, and presentation of ideas within a variety of communications media.

Prerequisite: Art 350.

380 Crafts

3 Hrs.

An experience with various crafts, i.e., macrame, tie dye, enamelling, weaving. Required for K-12 art specialty teaching certificate, elective for early childhood and intermediate certification candidates.

384 Ceramic Design

3 Hrs.

Students develop a repertoire of original decorations and learn to adapt them to a variety of forms. This course includes extensive exposure to the history of ceramic forms and decoration.

Supply Fee $35.

Prerequisites: Art 134, 323.

402 Painting III

3 Hrs.

Further exploration in painting on an independent study basis.

Prerequisite: Art 202, 302.

403 Sculpture III

3 Hrs.

Advanced studies in form and methods relating to the design and construction of three-dimensional objects.

Six hours studio a week.

Prerequisite: Art 303.

404 Illustration

3 Hrs.

Advanced class using a variety of painting, drawing, and photographic material in the design and execution of illustrations for printed matter.

Prerequisite: Art 204.

407 Topics in Art History

3 Hrs.

Focus on specific questions of style, traditions, and influence as they relate to the emergence and development of art in Europe and America. Topics to be announced annually.

Prerequisite: Art 111, 112, or permission of the instructor.

410 Printmaking II

3 Hrs.

Continued study in relief printing techniques and serigraphy; encouragement of independent exploration within the medium through student-directed assignments.

Six hours studio a week. Supply Fee $35.

Prerequisite: Art 310.

444 Ceramic Materials

3 Hrs.

This course covers clay materials, glaze chemistry and firing techniques. Special attention is paid to native North Carolina materials.

Supply Fee $25.

Prerequisites: Art 134, 323.

450 Problems in Art

3 Hrs.

Advanced work in specialized areas of art for students with unusual talent and scholarship. No student may take work in more than two areas. Admission by permission of the department.

Supply Fee: To be determined by project.

460 Sources and Concepts

3 Hrs.

A seminar course, based on discussions of the participant's studio work. Specifically an examination of concepts and sources from two perspectives: (1) from the student's personal development and experience and (2) from related readings in art history, criticism, psychology, philosophy, and other disciplines.

Prerequisite: Art 111, 112, or permission of the instructor.

484 Kiln Construction

3 Hrs.

As students study the historical development of firing techniques they concurrently construct working kiln models, ranging from the most primitive open firings to modern electric kilns. Contemporary materials and industrial procedures are studied through visits and internships with clay manufacturers in the state.

Prerequisite: Art 323.

498 Professional Internship

3 Hrs.

Practical experience under professional supervision outside the college in a variety of areas, such as advertising agencies, art studios, museums, galleries, community art centers, and art workshops. Required of graphic design majors, an elective for studio concentration majors, and crosslisted with MAHS 475 for AA/MS majors.

Prerequisite: Junior standing.

499 Senior Thesis

1 Hr.

A final project to be worked out between adviser and student during senior year, to be presented before the art faculty prior to graduation.

Music

The Music Department puts emphasis upon the individual purpose of each student whether she is pursuing music as a professional career, developing a special ability, studying to become a teacher, or is interested in music as a part of her liberal education. Small classes allow personal attention, and students receive private instruction under teachers who are performing artists. Arrangements can be made for study of any orchestral instrument not listed in this section. Ensemble work is stressed through participation in the musical organizations of the college. The more advanced students have many opportunities for group and solo performances in the city of Charlotte through local organizations such as the Charlotte Opera Association, the Oratorio Singers, the Charlotte Symphony Orchestra, and church choirs.

Bachelor of Arts

Forty credit hours in music including Music 100, 103, 104, 113, 114, 203, 204, 213, 214, 307, 308, 407; Physics 103; at least two years of ensemble work (choir, chorus, and/or instrumental ensemble); attendance at a specified number of public recitals of students and faculty; and at least one credit hour of private training in applied music for four terms.

Credit hours gained in courses marked with an asterisk (*) may not be counted toward the 40 hours music concentration under the B. A. program in music. At least 18 of the 40 hours shall be in courses numbered 300 and above. The following fields can be elected for special emphasis under this degree: general music, applied music, history and literature, sacred music, and theory.

Bachelor of Music

Candidates are required to fulfill the same distributed requirements as those required of all liberal arts candidates. Also required are Music 100, 103, 104, 113, 114, 203, 204, 213, 214, 307, 308, 320 (not required for music therapy majors), 407; Physics 103; six to eight credit hours ensemble work (choir, chorus and/or instrumental ensemble; only four hours required in music therapy); attendance at a specified number of public recitals of students and faculty and the following:

1. In Applied Music: Thirty-eight hours of music apportioned as follows: 21 to 24 hours in a chosen instrument, half-recital in junior year, Music 400, Music 215, 216 (voice majors only), 313-314 or 413-414 (piano majors only), three to six additional hours in music courses, and four additional hours (in four terms) in other applied music. Voice majors are required to achieve the proficiency level on the completion of the second year of study in a foreign language. At the end of the sophomore year a qualifying examination will be given in the major applied area.

2. In Music Education: Music 75, 95, 321, 321L, 322, 322L, 415, 416, and no less than 14 credit hours in a major performance area and four credit hours in a minor performance area. (See music bulletin for musical and technical standards in performance areas.)

3. In Piano Pedagogy: Fifteen to 17 credit hours in piano (including Music 95, Functional Piano Class); half recital; Music 313, 314; 413, 414, 417, 418; at least nine additional hours in music; Psychology 201, Education 310, and Psychology 209 or 319.

4. In Sacred Music:

(a) Emphasis in organ: Music 75, 95, 215, 315, 316, 317, 415, 415L, 416, 475 (3 hrs.), 15 to 17 hours in organ (including Music 400); Religion 103, 205, 206, and four terms in a minor applied area.

(b) Emphasis in conducting: Music 95, 215, 315, 316, 317, 415, 415L, 416, 475 (6 hrs.), minimum of 4 terms in organ or piano, minimum of 4 terms in voice; Religion 103, 205, 206.

5. In Music Therapy: Music 95, 209, 211, 321, 321L, 322, 322L, proficiencies in a principal applied instrument (or voice), guitar, and voice, and elective hours in music to bring the total to 60 hours (Music 415 and/or 416 are strongly recommended); music therapy courses 217, 401, 402, 409, 410, 411, 412, and 456; 20 hours of work in the Behavioral/Health/Natural Sciences areas, including Physics 103, Psychology 201, 209, 304, 308, and Biology III. The entire Music Therapy program is detailed in a special bulletin.

Minor

The following courses totaling 24 credit hours are required for a minor in the field of music: Music 100 plus three additional hours chosen from Music 307, 308, or 407; Music 103, 104, 113, 114; four credit-hours in applied music and/or ensemble; six credit-hours of music electives.

Distributed Requirements

Distributed requirements, Area VI, can be satisfied by Music 100, 103, 207, 315, 316, 317. Music majors may not use music courses to fulfill Area VI distributed requirements. Music Education and Music Therapy majors are exempt from this provision.

100 Introduction to Music

3 Hrs.

Study of the basic materials of music, survey of the important composers, and examination of selected masterpieces with reference to cultural background; technical knowledge of music not necessary for enrollment.

103 Beginning Theory and Composition I

3 Hrs.

Fundamentals of notation, tonality, scales, and modes, interval and triadic structure. Elementary characteristics of melodic form. Four-part writing in a homophonic style using triadic structures. Analysis of chorale style involving triads, seventh chords, modulation, nonharmonic tones.

104 Beginning Theory and Composition II

3 Hrs.

Part writing in a homophonic style using triadic structures, seventh chords, non-harmonic tones, modulation, secondary chords, and other chromatic harmonies. Introduction to and analysis of smaller forms.

Prerequisite: Music 103.

113, 114 Elementary Sightsinging and Ear-Training

1 Hr., 1 Hr.

Study and application of techniques of music reading and identification of sound. Grading is Pass/No Record for all students enrolled. Course is completed at any time during the term when proficiency has been achieved.

Prerequisite to Music 114: Music 113.

203 Intermediate Theory and Composition I

3 Hrs.

Two and three-voiced writing in the contrapuntal and harmonic style. Study of basic contrapuntal forms. Further study and review of nondominant seventh chords and chromatic harmony. Analysis and written exercises.

Prerequisite: Music 104.

204 Intermediate Theory and Composition II

3 Hrs.

A study of basic homophonic forms. Introduction to compositional techniques of the 20th century and possibilities of melodic, harmonic, and tonal expansion. Analysis and written exercises.

Prerequisite: Music 203.

207 Music in America

3 Hrs.

A survey of music and musical practices in the United States from colonial times to the present, with particular emphasis on those inherent qualities which have permeated America's serious and popular music over the past three centuries. No musical background necessary.

208 Piano Technology

3 Hrs.

An introductory study of piano technology with special emphasis on the practical application of tuning, elementary repair and maintenance.
Admission of non-music majors by permission of instructor.

209 Recreational Music

3 Hrs.

Lectures and Leadership Labs are structured to develop skills and resource materials in the use of musician recreational group activities. The therapeutic value of recreational music is emphasized. Open to all students. (Functional piano, guitar or voice skills recommended.)

211 Music Leadership

3 Hrs.

Group leadership skills, functional conducting and arranging of folk and popular music, and non-traditional ensembles are emphasized. Weekly group sessions with handicapped persons in community agencies are required.

Prerequisite: Music 209.

213, 214 Intermediate Sightsinging and Ear-Training

1 Hr., 1 Hr.

Study and application of techniques of music reading and identification of sound. Audition required. Grading is Pass/No Record for all students enrolled. Course is completed at any time during the term when proficiency has been achieved.

Prerequisite for Music 213: Music 114.

Prerequisite for Music 214: Music 213.

215 Diction for Singers (English, Latin and Italian)

1 Hr.

Two 50-minute periods weekly in which students are instructed in use of the International Phonetic Alphabet as well as the correct pronunciation of the English, Latin, and Italian languages in relation to singing.

Prerequisite: Previous vocal training or consent of instructor.

216 Diction for Singers (French and German)

1 Hr.

Two 50-minute periods weekly in which students are instructed in the correct pronunciation of the French and German languages in relation to singing.

Prerequisite: Music 215.

217 Introduction to Music Therapy

2 Hrs.

Orientation to the field of music therapy through lectures, readings, films, and field trips to clinical centers. Historical bases for music in therapy and current trends are studied. Aspects of music therapy as a career are discussed to encourage self-exploration regarding music therapy as a major and/or profession. Open to all students.

230 Music Methods for Elementary Teachers

3 Hrs.

Materials for and methods of teaching music in the elementary school with emphasis on techniques of teaching music fundamentals, supervising performing activities, and helping the elementary child to become an intelligent listener.

Prerequisite: Music 100 and some basic knowledge of the fundamentals of music theory and elementary piano playing demonstrated on examination, or by one term of private piano study.

307 Music From the Ancient Greeks Through the Baroque Era

3 Hrs.

Study of the broad aspects of music in Western civilization from approximately 500

B.C. through the Baroque era; emphasis on representative composers and forms.

Prerequisite: Music 100.

308 Music in the Classical and Romantic Eras

3 Hrs.

Study of the newly perfected forms of orchestral, chamber, and keyboard music as found in the works of Haydn, Mozart, and the earlier Beethoven; and of the progression of the romantic element in music of the 19th century and composers involved.

Prerequisite: Music 100.

313, 314 Elementary Piano Pedagogy and Materials

3 Hrs., 3 Hrs.

Topics in methods, piano-readiness, musicianship, theory, technique, and interpretation as they pertain to the first four years of piano study; extensive survey and evaluation of pedagogical materials. Observation of piano teachers and supervised student teaching in piano at the elementary level.

Prerequisite: Music 95 or permission of instructor.

315 Hymnology and Choral Literature

3 Hrs.

The study of the hymn and hymn writers. The poetic and metrical form of the hymn. The philosophy and use of the hymn in worship. An historical and stylistic survey of choral literature for use in the church.

316 Church Liturgies and Music

3 Hrs.

Background and review of the liturgies and music of all branches of the Christian church. Background begins with Hebrews, and study continues with the Greek, Roman, Anglican, Lutheran, and Reformed faiths.

317 The Organ in Church Service

3 Hrs.

Instruction in church service playing, with emphasis in repertoire, hymn playing, choir accompaniment, modulation, improvisation and discussion of electronic organs in use today.

319 Study of a Composer

3 Hrs.

Each term that this course is offered one composer will be selected for an in-depth examination of his life, works, style, and influence on his contemporaries and followers.

Prerequisite: Music 100. May be taken more than once with different composers studied.

320 Seminar in Applied Analysis

3 Hrs.

Independent study and analysis of compositional techniques and formal styles of compositions studied in music literature and applied music classes. Class seminar meetings.

Prerequisite: Music 204.

321 Methods for Public School Music Teachers I

2 Hrs.

Materials, theories, and techniques involved in teaching of all areas of music in the elementary school. Introduction to materials, theories and techniques involved in teaching instrumental music in the elementary and junior high schools; observations of local school groups. Class meets three 50-minute sessions per week.

Music 321L is to be taken concurrently.

321L Music Education String Laboratory

1 Hr.

Two weekly sessions of 50 minutes each, in which music education students are taught techniques of playing and teaching string instruments. Should be taken concurrently with Music 321.

322 Methods for Public School Music Teachers II

2 Hrs.

Continuation of the study of instrumental music in the public schools with emphasis on the high schoool; materials, theories and techniques involved in teaching choral music in junior and senior high school; observations of local school groups. Class meets three 50-minute periods per week.

Music 322L is to be taken concurrently.

322L Music Education Wind and Percussion Lab

1 Hr.

Two weekly sessions of 50 minutes each, in which music education students are taught techniques of playing and teaching woodwind, brass, and percussion instruments. Should be taken concurrently with Music 322.

400 Senior Recital

1 Hr.

The preparation and performance of a full public solo recital in the major instrument. Grading is Pass/No Record for all students enrolled.

401 Psychology of Music I

3 Hrs.

An overview of the field of music therapy is presented, including theoretical bases, application of methods and materials in music therapy, a model for data-based treatment, and observation of handicapped persons. To be taken in the freshman or sophomore year. Open to all students.

402 Psychology of Music II

3 Hrs.

Observation systems, measurement and testing methods, and research and statistical methods relating to musical behavior are studied.

Prerequisite: Music 401.

407 Music Literature of the Twentieth Century

3 Hrs.

Study of the development of music during the 20th century beginning with the works of Debussy and Mahler; aspects, means of expression, and present day tendencies examined and discussed through the use of contemporary masterpieces.

Prerequisite: Music 100.

408 Composition

3 Hrs.

Creative expression in various musical media based on a study of traditional and 20th century forms and techniques of composition; suitable compositions performed in workshop recitals. Admission by permission of the instructor.

409 Music in Therapy I

3 Hrs.

The theoretical, scientific, and clinical aspects of music in therapy are reviewed in relation to developmental disabilities, mental health and illness and physical disabilities. Behavioral objectives, treatment plans, documentation and assessment procedures, and professional communications skills are emphasized.

Open to Music Therapy juniors and seniors.

410 Music in Therapy II

3 Hrs.

Continuation of Music in Therapy I, applied to the following treatment populations: geriatrics, behavior disorders, learning disabilities, disadvantaged conditions, delinquency and corrections, and substance abuse.

Prerequisite: Music 409.

411 Music Therapy Practicum I

1 Hr.

Must be taken concurrently with Music 409; supervised clinical music therapy practicum.

412 Music Therapy Practicum II

1 Hr.

Must be taken concurrently with Music 410.

413,414 Advanced Piano Pedagogy and Literature

2 Hrs., 2 Hrs.

For use in teaching the more advanced student; comprehensive survey of the literature of the piano, with discussion of musicianship; technique, theory, and interpretation. Students concentrating in piano pedagogy should take Music 417-418 concurrently.

415 Choral Conducting and Arranging

3 Hrs.

Basic conducting techniques and choral arranging applied to the specific task of producing music with a choir.

Prerequisite: At least one year of choir experience, and Music 204 or permission of the instructor.

415L Conducting Lab

1 Hr.

Individual attention is given to each student's technical development in conducting. The study of the score will be emphasized from the director's standpoint. Primarily for choral conducting majors.

416 Instrumental Conducting and Arranging

3 Hrs.

Techniques of score reading and orchestral conducting as developed from a study and understanding of fundamentals of orchestration; laboratory experience in conducting.

Prerequisite: Music 204 or permission of the instructor.

417, 418 Supervised Student Teaching in Piano

1 Hr., 1 Hr.

Observation of piano teachers and supervised student teaching in piano at the elementary level.

Prerequisite: Music 313, 314

450 Advanced Studies in Music

3 Hrs.

Students who have displayed unusual interest and scholarship in some specific phase of music and have been approved by the faculty in music may pursue this interest under the guidance of an appointed faculty member.

456 Music Therapy Professional Internship

4 Hrs. minimum

A six-month continuous full-time affiliation with an approved clinical facility which follows all course work. The intern will perform assigned music therapy duties under the supervision of an experienced registered music therapist. Open to music therapy majors who have completed all course work.

475 Sacred Music Professional Internship

3 Hrs.

Working in local churches to develop a consistent philosophical, theoretical and practical approach to music in worship.

Prerequisite: Music 316.

Applied Music

170, 180 Applied Music (For No Credit) For full-time college students only. One half-hour private lesson in piano, organ, strings, or voice. Attendance at lessons and satisfactory work are expected at all times. See fee schedule in section on Costs.

Private Instruction

Piano, organ, strings, voice, harp, guitar, oboe, or other instrument. The general aim of private instruction is development of all phases of performance: technique, style, musicianship, interpretation, and repertoire. Assignments to instructors are made by the chairman of the department, and students usually remain with the same instructor throughout the course of study. Students registered for two or three credits per term receive 60 minutes of individual instruction and a one-hour weekly group repertoire or workshop session; students registered for one credit per term receive 30 minutes of individual instruction and a one-hour weekly group repertoire or workshop session. See fee schedule in section on Costs. Applied Music may not be taken as Pass/No Record.

171, 181 Private Instruction in Applied Music and Repertoire Class

1 Hr., 1 Hr.

One hour of daily practice required. May be repeated for credit.

172, 182 Private Instruction in Applied Music and Repertoire Class

2 Hrs., 2 Hrs.

Two hours of daily practice required. May be repeated for credit.

173, 183 Private Instruction in Applied Music and Repertoire Class

3 Hrs., 3 Hrs.

This course is open only to Applied Music (performance) majors under the Bachelor of Music degree program and requires no fewer than three hours daily practice and two approved public performances (student workshops included) in each term. Freshman performance majors are exempted from the requirement of giving a public performance during Term I. May be repeated for credit.

371, 381 Private Instruction in Applied Music and Repertoire Class

1 Hr., 1 Hr.

Admission to upper level standing only by permission of music faculty or jury examination. One hour of practice required daily.

372, 382 Private Instruction in Applied Music and Repertoire Class

2 Hrs., 2 Hrs.

Admission to upper level standing only by permission of music faculty or jury examination. Two hours of practice required daily.

373, 383 Private Instruction in Applied Music and Repertoire Class

3 Hrs., 3 Hrs.

This course is open only to Applied Music (performance) majors under the Bachelor of Music degree program and requires no fewer than three hours daily practice and two approved public performances (student workshops included) in each term. Admission to upper level standing only by permission of music faculty or jury examination.

Music Classes

Credit hours gained in courses marked with an asterisk (*) may not be counted toward the 40 hours music concentration under the B. A. program in music.

*55, 56 Piano Class for Music Majors

1 Hr., 1 Hr.

One weekly session of 50 minutes in which classes of beginning piano students are instructed in the fundamentals of piano playing in partial preparation for entering Music 95. Primarily for music therapy, music education and other students who are required to have a piano proficiency before graduation. Regular practice required.

Music 55 is prerequisite to Music 56.

*57, 58 Piano Class for Non-Music Majors

1 Hr., 1 Hr.

One weekly session of 50 minutes in which classes of students are instructed in the beginning phases of piano playing. Elective for students with *no* previous training; regular practice required.

Music 57 is prerequisite to Music 58.

*61, 62 Beginners String Class

1 Hr., 1 Hr.

One weekly session of 50 minutes in which students are instructed in the beginning phases of violin, viola, and cello playing; regular practice required.

Music 61 is prerequisite to Music 62.

*65, 66 Guitar Class

1 Hr., 1 Hr.

One weekly session of 50 minutes in which students are instructed in the fundamentals of guitar playing. This course is specifically designed for the music therapy major who must pass a proficiency exam in this instrument before graduation.

Music 65 is prerequisite to Music 66.

75 Voice Class

1 Hr.

Two weekly sessions of 70 minutes each, in which students with little or no vocal training are instructed in the basic vocal principles, simple exercises, and songs; regular practice is required.

Required of all students concentrating in music education unless they have comparable credit in private voice instruction; should be taken as early as posible in the program of study; open to any student. Grading is Pass / No Record for all students enrolled.

*83, 84 Chorus

1 Hr., 1 Hr.

A choral organization for singers of average ability. Grading is Pass / No Record for all students enrolled.

*85, 86 Ensembles: (a) Small Ensemble (b) Orchestra (c) Vocal Coaching

1 Hr., 1 Hr.

(a) Accompanying or work, discussion, and performance in chamber groups: sonatas, trios, quartets.

(b) Participation in the Queens Community Orchestra or the Charlotte Symphony.

(c) The vocal coaching credit may not be counted towards the ensemble requirement.

*87, 88 Concert Choir

1 Hr., 1 Hr.

Admission by audition only; repertoire includes works from the 15th century through the contemporary period.

95 Functional Piano Class

1 Hr.

Includes procedures and skills for proficiency in reading, harmonization, and transposition at sight; materials for teaching elementary and secondary school music.

Open to any student with sufficient background but designed particularly for students majoring in some aspect of public school music or piano pedagogy. The class will meet for one-hour sessions twice a week. Grading is Pass / No Record for all students enrolled. Students may exempt this course by passing a proficiency examination.

Division of Humanities

Paul B. Newman, *Chairman*
Professor of English
Elisabeth H. Chapman
Lecturer in English
*Mollie C. Davis
Associate Professor of History
Frye Gaillard
Mary Duke Biddle Visiting Writer in Residence
Richard Goode
Assistant Professor of English
Charles O. Hadley
Professor of English
Jane H. Hadley
Instructor of English (Drama)
Madeleine B. Jacobs
Assistant Professor of Foreign Languages (French)
E. Elizabeth Johnson
Lecturer in Humanities and Chaplain
Marjorie T. Kirby
Z. Smith Reynolds Professor of Foreign Languages (Spanish)
Charles E. Lloyd
Lecturer in English
Norris W. Preyer
Dana Professor of History
Earle D. Roberts
Lecturer in Religion
Stuart C. Schwartz
Lecturer in History
Whitney R. Shaw
Lecturer in Journalism
William A. Thompson
Associate Professor of History
Elizabeth H. Turner
Instructor of History

**Leave of Absence 1981-82*

Humanities

Humanities 211, 212, 213, and 214 are interdisciplinary courses which, within the framework of the historical approach, introduce the student to the major artistic, religious, intellectual, literary, social, and political developments in Western civilization. In these courses, the major writings and artistic works of each period are examined together with a variety of modern interpretations.

Classes meet three times a week and consist of general lectures, interdisciplinary faculty discussions, class discussions in small groups, and films. The teaching staff consists of four instructors — one each from history, literature, art, and philosophy/religion — with the participation of faculty from other disciplines.

Distributed Requirements

Humanities Courses Taken	*Elective Hours Earned*	*Distributed Requirements Satisfied*
1	3	0
2	3	1, in either History or Religion or Philosophy in Area III
3	3	2, chosen from History, Philosophy, and Religion in Area III, and English Literature in Area VI
4	0	4, chosen from History, Philosophy, and Religion in Area III, and English Literature and Art in Area VI

211 The Western Experience in the Ancient World

3 Hrs.

An interdisciplinary course which explores the Western experience from the origins of civilization in the ancient Near East to the end of the Roman Empire in the West. The major literary, artistic, religious, philosophical, and historical works of each period are examined.

212 The Western Experience in the Middle Ages, Renaissance, and Reformation

3 Hrs.

An interdisciplinary course which explores the Western experience from the advent of the Middle Ages through the Reformation and Age of Religious Wars. The major literary, artistic, religious, philosophical, and historical works of each period are examined.

213 The Western Experience from the Scientific to the French Revolution

3 Hrs.

An interdisciplinary course which explores the Western experience from the Scientific Revolution and the Baroque Period through the Enlightenment and the French Revolution. The major literary, artistic, religious, philosophical, and historical works of each period are examined.

214 The Western Experience from the French Revolution and Romanticism to the Nuclear Age

3 Hrs.

An interdisciplinary course which explores the Western experience from the French Revolution and the advent of Romanticism and the Industrial Revolution to the Nuclear Age. The major literary, artistic, religious, philosophical, and historical works of each period are examined.

English

Courses in the department include composition, literature, speech, film, dramatic arts, and journalism. Students are encouraged to take courses in all these areas, but courses in speech, film, dramatic arts (unless specified), and communications do not count towards a regular major in English. Initial courses train the student to perceive and evaluate the form, structure, and inner dynamics of any literary work. Advanced courses focus on specialized areas of relevance and are designed to give the student an awareness of ways in which other disciplines can contribute to a fuller understanding of literature.

Careers

Study of literature and composition affords preparation for professional schools in law and teaching. In addition students majoring in this department find their training applicable to editing, newspaper and television journalism, copywriting for publishers and advertising agencies. When combined with study in communications, economics and business, careers may be planned for public relations and personnel work. Career opportunities also exist in films, theatre, and many phases of creative writing. Students may also obtain teaching certificates through elective courses. Students interested in drama and theatre may want to consider the program outlined in the section on dramatic art.

Major

Students may major in English, or in English/Drama. The requirements for the English major are as follows: English 201, 301, 302, 460, and 18 additional hours. The following courses in Dramatic Art will be accepted: 303, 304, 327, 336. Major advisers will consult with students in career and graduate school preparation, and in planning tailored programs in communications, journalism, teaching, and drama. Advanced placement will allow exemption from 201. Outstanding majors will be invited by the department to participate in a program of special study which if successfully completed will result in graduation with Honors in English.

Minor

Non-English majors may follow a program leading to a minor in English; or in English/Drama; or in Communications. English majors may follow a program leading to a minor in Communications, if they so desire. The requirements for the minor in English are as follows: English 201, 301, and 302 are required. English 460 is recommended as part of the remaining 12 hours, nine of which must be at the 300 level or above.

Distributed Requirements

The requirement, Area I, is met by English 101 and 102, to be taken in Terms I and II of the freshman year. The requirement, Area VI, in literature, may be met by English 201 or 217; or by taking three semesters of the sequence of Humanities courses 211, 212, 213, or 214; or by any literature course numbered 300 or above in the foreign language department. English majors may not use English courses to fulfill Area VI distributed requirements.

Prerequisite

English 101, 102 and 201 are prerequisite to all English courses numbered 300 or above, except with permission of the instructor. Special consideration will be given, in certain cases, to non-English majors who desire to take courses numbered 300 or above.

101 Communications Skills I

3 Hrs.

This course will emphasize the development of the student's critical standards, and will stress the ability to use research techniques. Some reading will be done to provide thematic content to the course.

102 Communications Skills II

3 Hrs.

Course designed to help freshmen to write, read, and speak clearly. Part of the semester will be devoted primarily to speech. The rest of the semester will be devoted to teaching the student how to organize and write an effective short essay. Reading material will be used to stimulate the student's critical insights and to provide thematic content.

Prerequisite: English 101.

101, 102 Communications Workshop

The communications workshop is required as part of English 101, 102. It provides a review center for basic grammar, composition and speech skills in which each student works under supervision and is given individual attention. Slides and films will be shown, from time to time, on topics related to class discussion and to the student's writing and speaking.

109 Business English

2 Hrs.

Basic review of mechanics and composition skills. Some attention to oral as well as written communication. Letter writing and introduction to technical writing.

No credit toward English major or distributed requirements.

201 Introduction to Literature

3 Hrs.

Selected American, English, and European fiction, and drama; interpretive reading and writing based on literature; class discussions, individual conferences, and short papers. Course is prerequisite to all English courses numbered 300 and above, except in certain cases, with approval of instructor.

202 Women in Literature

3 Hrs.

Organized around female stereotypes and archetypes, this study of images of women in literature makes use of reading selections from nineteenth and twentieth century authors illustrating both positive and negative views of women as wives, mothers, sex objects, seductress-goddesses, spinsters and liberated persons.

217 Backgrounds to Western Literature

3 Hrs.

A study of the classical and biblical backgrounds which figure so importantly in the development of the Western literary tradition. While some consideration will be given to the historical and philosophic nature of the works studied, the emphasis will be on the works as great literature. Included will be a study of the Bible, Greek drama, the Homeric epic, and Aristotle's Poetics.

Open to freshmen, sophomores, and students not concentrating in English, as well as students concentrating in English.

301, 302 Literary History of England

3 Hrs., 3 Hrs.

Historical and critical exploration of the major periods, forms, and attitudes of English literature from Beowulf to the present. Continuities and discontinuities of central developments of English literature will be discussed through texts. Literary examination and judgment as well as writing skills will be stressed.

For sophomores and juniors; 301, 302 need not be taken before other 300 numbered courses, but can be taken simultaneously or later.

303 Major Figures in World Drama: Ancient Greece to the Renaissance

3 Hrs.

Survey of dramatic literature from ancient Greece to the Renaissance, with emphasis on the relationship of the plays to the physical circumstances of theatrical production and to the historical and cultural milieu of the period.

NOTE: Students may elect this course as Dramatic Art and Speech 303.

304 Major Figures in World Drama: Renaissance to Modern

3 Hrs.

Survey of dramatic literature from the Renaissance to the time of Ibsen with emphasis on the relationship of the plays to the physical circumstances of theatrical production and to the historical and cultural milieu of the period.

NOTE: Students may elect this course as Dramatic Art and Speech 304.

307 Advanced Composition

3 Hrs.

Study of principles of writing, with special attention to observation and reflection, form and meaning, modern usage, and effective expression.

308 Creative Writing

Practice in writing and in criticism of the essay, short story, and poem in view of a final piece of sustained, related work, for students with interest in and aptitude for composition.

Admission by permission of instructor.

309 Chaucer and Medieval Literature

3 Hrs.

Readings in medieval English literature with emphasis on Chaucer, the Arthurian romance, and the medieval drama.

312 The Renaissance

3 Hrs.

Exploration of the major attitudes, forms, and techniques of Renaissance literature with an emphasis on England. Broad connections with related developments in

Renaissance art, history, and government will also be examined.

313 Shakespeare

3 Hrs.

Representative comedies, histories, tragedies, and romances with emphasis on Shakespeare's development as a dramatic artist.

318 The Seventeenth Century

3 Hrs.

Study of poetry, drama, and prose with emphasis on Jonson, Donne and the Metaphysicals, and Milton.

320 Pope and the Augustans

This course will examine the background and nature of great Augustan literature primarily through a close study of major works of Dryden, Swift, and Pope.

322 The Romantics

3 Hrs.

Representative major poetical works of early and late Romantic authors. Key prose documents in the rise and development of Romanticism will also be examined.

324 The Victorian Age

3 Hrs.

Consideration of the major themes and concerns of novelists, poets, and prose writers of the Age of Victoria; emphasis on works of Tennyson, Carlyle, and other important figures.

325 The Novel

3 Hrs.

Development of the novel as a literary form using selected works of English fiction from the 18th century to the present.

326 Modern British Literature

3 Hrs.

Examination of modern British literature from the turn of the century to the 1950's. Emphasis on the work of Joyce, Yeats, Shaw, and the Bloomsbury Group. Central themes and technical innovations in 20th century poetry, fiction, and drama will be explored.

327 Modern Drama

3 Hrs.

Study of world drama from the realism of Ibsen through naturalism, expressionism, and symbolism to the current avant-garde theatre.

NOTE: Students may elect this course as Dramatic Art and Speech 327.

328 Modern American and English Poets

3 Hrs.

Development of modern poetry from its post-Victorian beginnings to the present; emphasis on Frost, Eliot, Yeats, and Stevens.

329 Identity Conflicts in Modern American Literature

3 Hrs.

Study of conflict between identity in a minority group and identity as an American.

331 American Literature to 1900

3 Hrs.

Study of the particular properties and the major movements of American literature as seen in the works of the major writers to 1900.

332 American Literature Since 1900

3 Hrs

Study of the particular properties and the major movements of American literature as seen in the works of the major writers since 1900.

333 Southern Literature

3 Hrs.

Study of the growth and development of the literature of the American South. The course will emphasize unique regional qualities of subject, theme, and style.

334 Studies in Linguistics

3 Hrs.

Studies of the main tenets of structural linguistics and transformational grammar with some attention to the relation between linguistic theories and older theories about language.

336 Tragedy

3 Hrs.

Explorations of various possibilities of defining tragedy in terms of the protagonist, a plot, an effect upon the audience, an attitude towards life, or others.

NOTE: Students may elect this course as Dramatic Art and Speech 336.

341 Spanish Literary Classics

3 Hrs.

Important literary works from various periods chosen for their importance and influence or reflection on world literature.

All course work conducted in English.

NOTE: Students may elect this course as Spanish 341.

342 French Literary Classics

3 Hrs.

Consideration of major literary works from various periods chosen for their value as contributions to world literature.

All course work conducted in English.

NOTE: Students may elect this course as French 343.

345 Spanish Drama of the Golden Age

3 Hrs.

Literary background of the Golden Age; reading and evaluation of drama.

All course work conducted in English.

NOTE: Students may elect this course as Spanish 423.

348 Cervantes

3 Hrs.

Study of works of Cervantes, with emphasis on *Don Quixote* and the *Novelas Ejemplares*.

All course work conducted in English.

NOTE: Students may elect this course as Spanish 448.

351 Special Studies in English Literature

3 Hrs.

Intensive consideration of a single problem in English literature. The topic for the course will vary from term to term and may range from a consideration of the work of a major writer to a study of a single genre or intellectual movement.

May be taken twice with different subtitles.

352 Special Studies in American Literature

3 Hrs.

Intensive consideration of a single problem in American literature. The topic for the course will vary from term to term and may range from a consideration of the work of a major writer to a study of a single genre or intellectual movement.

May be taken twice with different subtitles.

354 Special Studies in World Literature

3 Hrs.

Intensive consideration of a single problem in world literature. The topic for the course will vary from term to term and may range from a consideration of the work of a major writer to a study of a single genre or intellectual movement. Primarily intended for short term courses.

May be taken twice with different subtitles.

355 Existential Philosophy in Literature

3 Hrs.

An examination of the themes and ideas of contemporary existential thought as they are embodied in the literary works of authors such as Dostoyevsky, Kafka, Malraux, Sartre, Beckett, Ionesco, and others. The course involves an analysis of such ideas as the nature and destiny of man, the problems of freedom and evil, the notions of alienation and isolation, the idea of the "death of God," and the ontological significance of death and anxiety.

NOTE: Students may elect this course as Philosophy 310d.

357 Professional Internship in English

3 Hrs.

Practical experience in application of English skills in business, media, or other selected areas. May be repeated for not more than six hours. Only three hours credit applicable to English major. Open primarily to junior and senior majors. Permission of instructor required.

449 Directed Readings in Composition or Literature

1-3 Hrs.

Independent investigation of a topic in composition or literature through a program of directed readings; oral examination conducted by the course supervisor and other members of the department upon invitation. Open to advanced students by permission of the department.

450 Independent Study in Composition or Literature

2-4 Hrs.

Independent investigation of a topic in composition or literature resulting in a research paper which is evaluated by two members of the department. Open to advanced students by permission of the department.

460 Studies in Literature and Criticism

3 Hrs.

Students will read works of literature and interpret them in the light of modern critical theories. Readings will include critical essays and selected works by major authors.

Seminar for seniors only.

Dramatic Art and Speech

Students may major in English / Drama. Such a major provides the opportunity for concentrated work in dramatic literature and theatrical production. Electives may be chosen from the related fields of literature, dance, and music. This major will introduce the student to all phases of theatrical and dramatic theory and practice.

Requirements for the major: English 201; Dramatic Art 250, 303, 304, 315, 317 (minimum twice), and 352; 15 additional hours to be selected from English 313 (Shakespeare), Dramatic Art 327 (Modern Drama), 336 (Tragedy), 350 (Advanced Acting), 231 (Film History), 232 (Film Criticism), 450 (Directed Study); internship with off-campus theatre company or other practical project selected in consultation with adviser.

Total requirement: minimum 35 hours.

Minor

Students other than English majors are offered the option of declaring a minor in English / Drama. Twenty-one hours are required: English 201, Dramatic Art and Speech 317, plus nine hours from the following: Dramatic Art and Speech 103, 250, 255, 303, 304, 315, and 352; plus six additional hours from English 313, Dramatic Art and Speech 231, 232, 336, 350, 450.

103 Voice and Diction

3 Hrs.

An analysis of each student's voice, articulation and pronunciation with the aim of identifying and correcting non-standard speech habits. Through use of the International Phonetic Alphabet and language laboratory equipment, concentration will be centered upon the perfection of vowels, diphthong and consonant sounds. Directed exercises will give the student practice in the improvement of voice and diction. Dialectical problems are analyzed and corrected.

231 History of Film

3 Hrs.

Introduction and historical analysis of the development of cinema; aesthetics and techniques, movements and genres, makers and performers. Film-viewing and optional film-making.

NOTE: Students may elect this course as Communications 231.

232 Film Criticism

3 Hrs.

Study of the nature of film as an art form, with detailed discussion of individual films. An analysis of the backgrounds of film-making with some actual use of film equipment.

NOTE: Students may elect this course as Communications 232.

250 Beginning Acting

3 Hrs.

Introduction to the basic principles of theatrical presentation from the viewpoint of the actor; relating to self, environment, and other actors by way of exercises in relaxation, pantomime, improvisations, and group work in selected scenes from plays.

255 Oral Interpretations

3 Hrs.

Approach to an appreciation of literature and a responsiveness to its intellectual and emotional content through training and practice in communicating it to others. Basic principles and techniques in reading poetry, prose, and dramatic literature.

256 Effective Professional Speaking

3 Hrs.

This course offers practice in professional situations in which effective oral communication is essential. Methodology combines brief lectures by the instructor with extensive speaking by the students. Emphasis is upon professional speaking situations, such as lectures, panel discussions, manuscript reading, and speech making.

303 Major Figures in World Drama: Ancient Greece to the Renaissance

3 Hrs.

Survey of dramatic literature from ancient Greece to the Renaissance, with emphasis on the relationship of the plays to the physical circumstances of theatrical production and to the historical and cultural milieu of the period.

NOTE: Students may elect this course as English 303.

304 Major Figures in World Drama: Renaissance to Modern

3 Hrs.

Survey of dramatic literature from the Renaissance to the time of Ibsen with emphasis on the relationship of the plays to the physical circumstances of theatrical production and to the historical and cultural milieu of the period.

NOTE: Students may elect this course as English 304.

315 Principles of Play Production

3 Hrs.

Introduction to principles of scene design, painting, stage lighting, costume design and construction, and makeup for open stage and proscenium stage.

317 Practicum in Play Production

1, 2, or 3 Hrs.

Opportunity for practical application of principles of set construction, lighting, costumes, makeup, publicity, or acting in the production of a play for round or proscenium stage.

Prerequisite: Dramatic Art 315 or special permission of the instructor. This course may be repeated for credit up to six hours.

327 Modern Drama

3 Hrs.

Study of world drama from the realism of Ibsen through naturalism, expressionism, and symbolism to the current avant-garde theatre.

336 Tragedy

3 Hrs.

Explorations of various possibilities of defining tragedy: in terms of the protagonist, a plot, an effect upon the audience, an attitude towards life, or others.

350 Advanced Acting

3 Hrs.

Concentration on perfection of acting technique through an exploration of improvisational techniques, voice and movement, ensemble methods and motivational analysis in relation to specific characters within a given play.

Prerequisite: Dramatic Art 250. This course may be repeated for credit up to six hours.

352 Directing for the Theatre

3 Hrs.

Introduction to the basic principles of theatrical production from the viewpoint of the director; exploration of composition, picturization, movement, rhythm, and pantomimic dramatization in the direction of a one-act play.

450 Directed Studies in Drama, Theatre and Speech

2-4 Hrs.

Independent investigation of an area in dramatic literature, theatre or speech. Open to advanced students by permission of the department.

Communications (Journalism and Non-Print Media)

This course of study provides the opportunity for investigation of the field of communications, with a view to careers in that area.

Minor

English 201, Communications 202, and Communications 203 or 204 are required, plus twelve more hours in communications courses to include at least two courses at the 300 level, and Communications 400.

A student in the communications minor is required to work for two years on the Queens *Current* and/or *Coronet* for a minimum of four credit hours or a maximum of eight credit hours.

The following courses are also recommended: Secretarial Practice 101, 102, or equivalent (a typing speed of a minimum of 40 words per minute); plus 12 hours chosen from the following courses: Economics 203; English 307, 332; History 204; Political Science 201; Psychology 201; Sociology 203; plus 12 hours from the following courses: Dramatic Art and Speech 103, 250, 256; Art 327, 340; Education 304.

202 Introduction to Mass Communications

3 Hrs.

A survey of mass communications in American society, to include historical, social, economic, political and popular-cultural dimensions. The course includes a research paper.

203 Writing for the Media

3 Hrs.

Study of writing methods for news, editorials, features, public relations, advertising and broadcasting. Includes extensive practice in writing by the student.

Prerequisite: Communications 202.

204 Introduction to News Writing and Editing

3 Hrs.

Study of newspaper methods and the techniques of news writing, with some emphasis on elementary problems of editing and make-up.

Prerequisite: Communications 202.

212-I Practicum in Communications

1 Hr.

Practical work in producing the college annual, *Coronet*.

212-II Practicum in Communications

1-2 Hrs.

Practical work in producing the student newspaper, *Current;* includes weekly journalism laboratory with instructor.

231 History of Film

3 Hrs.

Introduction and historical analysis of the development of cinema; aesthetics and techniques, movements and genres, makers and performers. Film-viewing and optional film-making.

NOTE: Students may elect this course as Dramatic Art and Speech 231.

232 Film Criticism

3 Hrs.

Study of the nature of film as an art form, with detailed discussion of individual films. An analysis of the backgrounds of film-making with some actual use of film equipment.

NOTE: Students may elect this course as Dramatic Art and Speech 232.

350 Independent Study in Communications

3 Hrs.

This course involves an independent investigation of a period in the history of mass communications or of the influence of mass media on contemporary culture or of a topic related to other particular facets of the study of mass communications: for example, journalism, television, radio, magazines, advertising, or some aspect of American popular culture.

Prerequisite: Communications 202, 203, or 202, 204.

360 Topics in Communications

3 Hrs.

Intensive consideration of a single topic in communications. The topic for the course will vary from term to term and may range from a consideration of the work of a single individual to a study of a general movement.

May be taken twice with different subtitles.

361 Topics in Journalism

3 Hrs.

Intensive consideration of a single topic in journalism. The topic for the course will vary from term to term and may range from a consideration of the work of a single individual to a study of a general movement.

May be taken twice with different subtitles.

400 Communications Professional Internship

3 Hrs.

This course involves a period of work-study in some aspect of communications--a radio or television station, a newspaper office, an advertising agency, the editorial office of a magazine--as circumstances dictate. Each student will be evaluated by the supervising agency and will write a personal evaluation of the work experience. May be taken for up to nine hours of credit.

Prerequisites: Communications 202, 203, or 202, 204.

Foreign Languages and Literatures

Majors in French, Spanish, Latin-American Studies, and Business/Foreign Language are available in this department. Major work in any one of these areas provides the basis for graduate study.

Careers

Career opportunities involving language skills include such areas as education, journalism, broadcasting, research, library science, translation, business, travel, health services, and employment with the Federal Government. The acquisition of foreign language skills in addition to other skills increases career options. The special interdisciplinary Business/Foreign Language major provides skills in both areas.

Placement

College Entrance Examination Board language achievement test scores are used as a guide for placement. At the time of registration, entering students who have taken this test will be informed of their language options. If a student has not taken the CEEB foreign language achievement test, she must take the Foreign Language Department Placement Test if she is continuing the study of the same language she has previously had. A student must be properly placed in a language course before she is eligible for credit.

Study Abroad

Students majoring in foreign languages will be encouraged to study abroad under the auspices and programs of approved institutions. Foreign language study, when it occurs as part of such programs, must be approved in advance by the student's language adviser. Credit for such work will be granted only upon receipt of transcripts and/or the successful completion of a departmental examination.

Distributed Requirements

Elementary courses numbered 101 may fulfill the Area II requirement only upon satisfactory completion of the courses numbered 102. Any departmental literature course numbered 300 and above, excluding the Directed Reading courses, will also fulfill the requirement in Area II or in Area VI.

Business / Foreign Language Major

Students majoring in this interdisciplinary program will acquire business as well as foreign language skills.

Requirements for this program are given on page 87.

French

Major

Thirty credit hours of French courses, as approved by the major adviser, are required. At least 18 credit hours are to be from courses numbered 300 and above, including French 460 and 472.

Minor

A minor consists of at least 18 hours of French courses.

Policy

Unless otherwise stated, all 300 and 400 level courses are conducted in French.

Prerequisite

Prerequisites for courses 300 and above are French 201 and 202 or equivalent, or consent of the instructor. French 315, 316 or equivalent is prerequisite to all other courses in French literature.

101, 102 Elementary French

3, 3 Hrs.

Presentation of the basic structure of the language; first term emphasis on the spoken language; second term, the use of the written language for communication and comprehension. French 101 may fulfill distributed requirements, Area II, upon satisfactory completion of French 102.

200 Directed Readings in French

1-3 Hrs.

Directed study of a topic requiring use of French language sources.

Admission by consent of the instructor.

201 Intermediate French

3 Hrs.

Study of the structure of the language; written and oral composition; reading of literary selections.

Prerequisite: French 102 or equivalent.

202 Intermediate French

3 Hrs.

Reading of literary selections and materials on civilization with discussions in French on works being read. Intensive work in the oral language.

Prerequisite: French 102 or equivalent.

300 Directed Readings in French

1-3 Hrs.

Directed study of a topic requiring use of French language sources.

Admission by consent of the instructor.

315, 316 Introduction to French Literature

3 Hrs.

Selections to be read are chosen from important authors of the various periods, studied for content and style, as a reflection of the period and as a phase in the development of the literature.

321 French Conversation

3 Hrs.

Oral training accompanied by regular practice in the language laboratory; oral reports and discussions assigned in advance.

322 Advanced French Conversation

3 Hrs.

Discussion and reports based on articles from newspapers and magazines published in French.

Prerequisite: French 321 or consent of the instructor.

343 French Literary Classics

3 Hrs.

Consideration of major literary works from various periods of French literature, chosen for their values as contribution to world literature.

Works to be read in the original, papers and tests to be written in French.

NOTE: Students may elect this course as English 343, with all course work conducted in English.

350 Professional Internship in French

1-2 Hrs.

Supervised experience in a situation where the language must be used. Admission by permission of the instructor.

399 Commercial French and Translating

3 Hrs.

The course will include the study of various types of letters, order-forms, contracts, checks, receipts, bank drafts, and the translating and writing of various types of business letters.

400 Directed Readings in French

1-3 Hrs.

Directed study of a topic requiring the use of French language sources.

Admission by consent of the instructor.

425 Nineteenth Century Literature: Romanticism

3 Hrs.

Study of the literary movements of the first half of the century, with emphasis on romanticism in works of prose, poetry, and drama.

426 Nineteenth Century Literature: Realism and Naturalism

3 Hrs.

Literary movement of the last half of the century; emphasis on the development of realism and naturalism and the reaction to these.

435 Twentieth Century Literature: Prose Writers

3 Hrs.

Novelists and essayists including Gide, Proust, Mauriac, Sartre, Simone de Beauvoir, Camus, also the new novel.

436 Twentieth Century Literature: Drama and Poetry

3 Hrs.

Including works of Claudel, Giraudoux, Cocteau, Anouilh, Sartre; also Theatre of the Absurd; poetry of Valery, Appollinaire, and the surrealists.

442 Problems in Teaching Modern Language (French)

1 Hr.

Required for students in the secondary education program, taken concurrently with Education 442; designed to give special attention to problems and techniques found in the teaching of modern languages. One hour per week throughout the term.

451 French Grammar and Composition

3 Hrs.

Oral and written translations and review of grammar to increase the student's proficiency in the use of the language; conducted mainly in French.

460 Reading List and Comprehensive Examination

2 Hrs.

The reading list will consist of selections or complete works in French literature. A comprehensive examination based on the reading list will be given at the end of the term.

Required of all graduating seniors in the department. To be taken (preferably) during the January Term of the junior year.

471 Independent Research

1-3 Hrs.

A one-term research program in French preparatory to senior independent study.

472 Senior Independent Study

3-4 Hrs.

Study of a topic of special interest to the student. Presentation of the study, written in French, will be made and defended before a review committee.

Prerequisite: French 471.

Spanish

Major in Spanish

Thirty credit hours of Spanish courses are required, of which at least 18 credit hours are from Spanish courses numbered 300 and above, including 301, 302, 460, and 472.

Major in Latin-American Studies

Degree requirements for this interdisciplinary program are given on page 87.

Minor in Spanish

At least 18 hours of courses in Spanish, including Spanish 321, are required.

Policy

Unless otherwise stated, all 300 and 400 level courses are conducted in Spanish.

Prerequisite

Prerequisites for courses 300 or above are Spanish 201 and 202 or their equivalent, or consent of the instructor.

101, 102 Elementary Spanish

3 Hrs.

Presentation of basic grammatical structure with emphasis on correct oral and written use of the language; introduction to the Hispanic civilization. Spanish 101 may fulfill distributed requirements, Area II, upon satisfactory completion of Spanish 102.

200 Directed Readings in Spanish

1-3 Hrs.

Directed study of a topic requiring use of Spanish language sources.

Admission by consent of the instructor.

201 Intermediate Spanish

3 Hrs.

Review and more advanced study of the language with emphasis placed on structure and the written expression of thoughts.

Prerequisite: Spanish 101, 102, or equivalent.

202 Intermediate Spanish

3 Hrs.

Review and more advanced study of the language with emphasis placed on oral use; introduction to the civilization of Spain; reading of short literary selections.

Prerequisite: Spanish 101, 102 or equivalent.

300 Directed Readings in Spanish

1-3 Hrs.

Directed study of a topic requiring use of Spanish language sources.

Admission by consent of the instructor.

301, 302 Study of Hispanic Literature

3 Hrs.

Introduction to Spanish literature, its historical background, and important trends developed through reading and discussion of significant works.

321 Spanish Conversation

3 Hrs.

Advanced training in speaking, report making, and comprehension; continued stress on pronunciation, intonation, and on correct modes of expression. Introduction to literary concepts.

322 Advanced Spanish Conversation

3 Hrs.

Current socio-political problems of Latin American discussed through the works of Latin-American essayists and short story writers.

Prerequisite: Spanish 321 or consent of the instructor.

331,332 Spanish-American Literature I and II

3 Hrs., 3 Hrs.

Chronological development of Spanish-American literature; readings reflect history, culture, and social and literary trends.

Admission by consent of the instructor.

341 Spanish Literary Classics

3 Hrs.

Major literary works from various periods of Spanish literature chosen for their value as contributions to world literature. Works to be read in original, papers and tests to be written in Spanish.

NOTE: Students may elect this course as English 341, with all course work conducted in English.

399 Commercial Spanish and Translating

3 Hrs.

The course will include the study of various types of letters, order forms, contracts, checks, receipts, bank drafts, and the translating and writing of various types of business letters.

400 Directed Readings in Spanish

1-3 Hrs.

Directed study of a topic requiring the use of Spanish language sources. Admission by consent of the instructor.

402 Contemporary Spanish Literature

3 Hrs.

Literature and ideas of 20th century from the "Generation of 1898" to the present; influence of history on the literature; stylistic analysis of works of the author studied.

Admission by permission of the instructor.

405 Professional Internship in Spanish

1-2 Hrs.

A supervised experience in a situation where the language must be used.

423 Spanish Drama of the Golden Age

3 Hrs.

Literary background of the Golden Age; reading and evaluation of masterpieces of drama. Works to be read in the original; papers and tests to be written in Spanish; lectures on tape in Spanish.

NOTE: Students may elect this course as English 345 with all course work conducted in English.

Admission by consent of the instructor.

442 Problems in Teaching Modern Language (Spanish)

1 Hr.

Required for students in the secondary education program, taken concurrently with Education 442. Designed to give special attention to problems and techniques in teaching of modern languages. One hour a week throughout the term.

448 Cervantes

3 Hrs.

Study of works of Cervantes, with emphasis on *Don Quixote* and *Novelas Ejemplares*.

Works to be read in the original, papers and tests to be written in Spanish.

Admission by consent of the instructor.

NOTE: Students may elect this course as English 348, with all course work conducted in English.

451 Advanced Grammar and Composition

3 Hrs.

A systematic review and a more advanced study of the grammatical structure of the language; an introduction into the evolution of Spanish; oral and written appication of the principles studied to increase fluency.

460 Reading List and Comprehensive Examination

2 Hrs.

The reading list will consist of selections or complete works in Spanish and Spanish-American literatures. A comprehensive examination based on the reading list will be given at the end of the term.

Required of all graduating seniors in the department. To be taken (preferably) during the January Term of the junior year.

471 Independent Research

1-3 Hrs.

A one-term research program in Spanish preparatory to senior independent study.

472 Senior Thesis: Spanish

3-4 Hrs.

Study of a topic of special interest to the student. Presentation of the study, written in Spanish, will be made and defended before a review committee.

Prerequisite: Spanish 471.

475 Independent Research

1-3 Hrs.

A one-term research program in Latin American Studies preparatory to senior independent study.

476 Senior Thesis: Latin-American

3-4 Hrs.

Study of Latin-American topic of special interest to the student. Presentation of the study, written in Spanish, will be made and defended before a review committee.

Prerequisite: Spanish 475.

History

History, drawing upon nearly all fields of knowledge, helps provide a deeper understanding and perspective of the forces which influence man and the world around him. It trains one in the skills of research, analysis, and written interpretation.

Careers

A concentration in history is an excellent general foundation for many occupations and interests. It is especially suitable for careers in government and foreign service, law and politics, public administration, journalism, and teaching. Preparation for careers in museums, archives, and historic sites is provided through the Museums, Archives, and Historic Sites Program (MAHS). Queens College is a member of the Institute of Applied History.

Major

Ten history courses including History 101 and 102, 203 and 204, 300 and 490 are required; in addition, two 300-level courses, one in United States and one in an area outside the United States, are required. MAHS 475 may apply toward the ten history courses. History majors may substitute Humanities 211 and 212 for History 101, and Humanities 213 and 214 for History 102; in which case or cases the total number of required courses would be either 11 or 12 instead of 10. Students should consult with faculty advisers to work out a program tailored to individual career objectives.

Students concentrating in the Museums, Archives, and Historic Sites Program will need to follow the requirements listed under that program.

Minor

Six history courses including three courses to be selected from History 101, 102, 203, and 204 are required; in addition, two 300-level courses, one in United States and one in an area outside the United States, are required. History 490 or History 300 is recommended as part of the remaining six hours.

Exemption and Placement

Advanced placement through departmental examinations will allow students to be exempt from specific course requirements.

Honors in History

Majors with outstanding abilities will be invited by the department to participate in a program of special study which if successfully completed will result in graduation with Honors in History.

Distributed Requirements

The requirement, Area III, is met by History 101, 102, 203, 204, or by taking two semesters of the sequence of Humanities courses 211, 212, 213, or 214.

Prerequisite

Dependent upon the courses and noted in descriptions, History 101 or 102, 203 or 204 are required except with permission of the instructor.

101 World Civilization to 1650

3 Hrs.

A survey of the history of civilization from the ancient world to the European crises of the seventeenth century, with emphasis upon the political, social, and intellectual development of Western civilization.

102 World Civilization Since 1650

3 Hrs.

A survey of the history of civilization from the end of the religious wars and the emergence of the great European powers to the crises of the twentieth century and nuclear age, with emphasis generally upon the political, social, and intellectual development of Western civilization.

203 The United States to 1877

3 Hrs.

Rise of an American tradition; establishment of a nation; economic and social developments; expansion and sectional controversy; war and reconstruction.

204 The United States Since 1877

3 Hrs.

Settling the West; the triumph of business; reform movements and foreign affairs; the New Deal era; the Cold War era.

300 Research in Local and Family History

3 Hrs.

Course designed to provide training and practice in genealogical and historical research with emphasis in working with such materials as court records, deeds, wills, and census returns. There will be written and oral presentations of findings.

NOTE: Students may elect this course as MAHS 300.

301 English History to 1688

3 Hrs.

A survey of English history from the Roman conquest to the Glorious Revolution, with emphasis on the Tudor and Stuart periods.

Prerequisite: History 101 or permission of the instructor.

302 English History Since 1688

3 Hrs.

The age of aristocracy and the first empire; the struggle against revolutionary and Napoleonic France; the era of reform and high tide of imperialism; the democratic age and the storms of war.

Prerequisite: History 102 or permission of the instructor.

315 Folklore and Oral History

3 Hrs.

Examination of ways in which cultures were preserved in the past (folklore, work and protest songs, handicrafts, etc.) and the study of and practice in the methodology of gathering and preserving historical information in oral form.

NOTE: Students may elect this course as MAHS 315.

317 History of Russia

3 Hrs.

Cultural heritage of Kievan Russia; Muscovy and the origins of the autocratic state; St. Petersburg, imperial capital and cradle of revolution; the new Leninist autocracy and the emergence of the USSR as a world power.

Prerequisite: History 101 or 102 or permission of the instructor.

325 American Foreign Policy

3 Hrs.

Major themes in the history of American diplomacy to 1945 with emphasis on their applications, modification, and development in relation to America's increased world responsibilities as a world power.

Prerequisite: History 203 or 204 or permission of the instructor.

NOTE: Students may elect this course as Political Science 325.

361 Ideas and Values in Conflict in History

3 Hrs.

A study of decisive intellectual and moral conflicts involving individualism, humanism, obscurantism, fundamentalism, racism, nationalism, totalitarianism, socialism, Nazism, Communism, materialism, and fanaticism.

376 The Lives and Times of Eminent Victorians

3 Hrs.

A study concentrating on the political, social, intellectual, and cultural currents and developments in Victorian England.

387 Europe in the Nineteenth Century

3 Hrs.

A course of readings on major historical developments in Europe from the Napoleonic era to the First World War.

Prerequisite: History 102 or permission of the instructor.

388 Europe in the Twentieth Century

3 Hrs.

A course of readings on the major historical developments in Europe from the First World War to the Cold War.

Prerequisite: History 102 or permission of the instructor.

389 Topics in United States History

3 Hrs.

Topics are announced annually.

Prerequisite: 203 or 204 or permission of the instructor.

391 Topics in World History

3 Hrs.

Topics announced annually.

Prerequisite: History 101 or 102 or permission of the instructor.

392 American Women: Leaders and Movements

3 Hrs.

Review of the role of women in the history of American society and politics.

Prerequisite: History 203 or 204 or permission of the instructor.

393 Main Currents in Southern History

3 Hrs.

Emphasis is on the economic, cultural, and intellectual forces that have shaped the thinking and actions of the South.

Prerequisite: History 203 or 204 or permission of the instructor.

394 The Black Minority in American Society

3 Hrs.

A socio-historical study of minority group relations emphasizing key periods and issues in the history of the Afro-American—the problems faced, the response made, and the consequences and significance of this heritage for both blacks and whites.

NOTE: Students may elect this as Sociology 394.

396 Urban History

3 Hrs.

Study of the growth, development, and changing character of major cities in the United States from colonial days to the present. Emphasis placed on the city's impact on the thought and life of the nation.

Prerequisite: History 203 or 204 or permission of the instructor.

397 The United States: 1917 to 1945

3 Hrs.

The domestic history of the United States from 1917 to 1945; stress placed on diverse cultural and intellectual developments with special attention to the strain of social change and the subsequent responses of the institutions and movements.

Prerequisite: History 204 or permission of the instructor.

398 Decades of Hope and Despair: The United States in the 1950s and 1960s

3 Hrs.

The domestic history of the United States during the post World War II years; stress placed on the 1950s and 1960s and the intellectual, cultural, and social ferment of that period.

Prerequisite: History 204 or 397 or permission of the instructor.

449 Directed Readings in History

3 Hrs.

Independent investigation of a topic through a program of directed readings. There will be an interpretive paper and oral examination conducted by department members.

Open to majors with a B average in history after departmental approval of the topic.

450 Independent Study in History

3 Hrs.

Independent investigation of a topic through the writing of a research paper; oral examination conducted by department members.

Open to majors with a B average in history after departmental approval of the topic or project.

475 Professional Internship in History

1-4 Hrs.

Designed to enable students to receive training in law and politics, public administration, government and foreign service, or other such career opportunities for which history provides a background.

Grading is Pass / Fail.

Open only to junior and senior majors with the permisson of the department.

To count toward the history major at least 3 credit hours must be taken.

490 Senior Seminar

3 Hrs.

Colloquium for history majors who meet for discussions, lectures, and presentations of papers.

Program in Museums, Archives, and Historic Sites

Students have the option of declaring a major in history with a concentration in the MAHS Program. This concentration is designed to provide a foundation for careers dealing with archival research, records management, historical archaeology, preservation, historic sites, and museums with emphasis on interpretation of collections and sites. It requires a practicum with a participating archives, museum, historical site or agency. The Program is affiliated with the Institute of Applied History, making students eligible for internships with the Division of Archives and History in Raleigh.

Requirements: History 203, 204; MAHS 250, 300, 377, 475; and at least 3 hours from a selected list of electives to be chosen in consultation with the MAHS director. Some of the possible electives are: MAHS 315, 349, 378, 379, 450; Art 111, 112, 307; History 101 (or Humanities 211, 212), 392, 393, 394, 396; Communications 203; Computer Science 100, 200; Media Education 302, 303, 304; Political Science 311; Sociology 313. Substitutions, where applicable, may be made with the approval of the MAHS director.

250 Museology

3 Hrs.

Introduction to the nature of museum operations with emphasis on collections, registrar's function, conservation, research and interpretation, exhibition, educational programs, and public relations.

300 Research in Local and Family History

3 Hrs.

Course designed to provide training and practice in genealogical and historical research with emphasis in working with such materials as court records, deeds, wills, and census returns. There will be written and oral presentation findings.

NOTE: Students may elect this course as History 300.

315 Folklore and Oral History

3 Hrs.

Examination of ways in which cultures were preserved in the past (folklore, work and protest songs, handicrafts, etc.) and the study of and practice in the methodology of gathering and preserving historical information in oral form.

NOTE: Students may elect this course as History 315.

349 Directed Readings in Museums, Archives, and Historic Sites

3 Hrs.

A concentrated program of readings in the museum, historic site, preservation, or archival field in preparation for the MAHS Practicum. An interpretive paper and oral examination is required.

377 Historic Site Interpretation

3 Hrs.

A seminar exploring problems in the presentation and interpretation of historic dwellings and sites. The Hezekiah Alexander House and other historic preservations, restorations, and sites in the area will be utilized as laboratories for the seminar. Taught by the Curator of the Charlotte Museum of History.

378 Historic Site Archaeology

3 Hrs.

A study of the philosophy and methods of historic site archaeology. The course will examine artifact analysis, types of sites, stratigraphy, dating techniques, site interpretation, and other archaeology skills necessary to excavate sites.

379 Archaelogy Field School

3 Hrs.

The practical application of the methods and techniques of historic site archaeology. The "dig" will be carried out under the direction of a professional archaeologist at historic Latta Place, a nearby historic site. Grading is Pass / No Record.

450 Independent Study in Museums, Archives, and Historic Sites

3 Hrs.

An independent project making use of principles and methods employed in the museum, archival, historic site, or preservation field. Open to majors with a B average after departmental approval of the project.

475 Professional Internship: Museums, Archives, and Historic Sites

1-4 Hrs.

Designed to enable students to receive training in archives, museum work, restoration sites, historical agencies, or other such career opportunites. Grading is Pass / Fail. Open only to juniors and seniors with permission of the department. May be taken twice in different areas.

Philosophy

Students in the department are trained to look upon life critically and sensitively through the process of reflective thinking. Philosophy touches many areas of the liberal arts; hence, its program is conceived broadly to provide links with the various elements of the general education program.

Careers

Study may lead primarily to graduate work; however, it also provides a broad liberal arts background applicable to a number of related practical fields such as literature and religion.

Philosophy Minor

Minor program must be determined in consultation with the department.

Distributed Requirements

The requirement in philosophy, Area III, is fulfilled by any course at the 200 level, or by taking two semesters of the sequence of Humanities courses 211, 212, 213, or 214.

203 Introduction to Philosophy

3 Hrs.

Introductory study of the perennial questions of philosophy and the various methods by which philosophy has tried to answer them.

204 Philosophy of Religion

3 Hrs.

Introductory study of some of the major areas of concern related to religious experience and values; development of a critical understanding of the nature of religion and such beliefs as God, freedom, evil, and the nature of man; and the relationship of religion to other human values.

205 Elementary Logic

3 Hrs.

A study of deductive logic in its development from traditional Aristotelian logic to contemporary symbolic logic. Emphasis on learning valid reasoning procedures, the fallacies of language, and problem solving using the terms of symbolic logic. Methods and fallacies of scientific method and inductive reasoning also discussed.

207 Ethics

3 Hrs.

Study of the theories and writers in moral philosophy; practical questions considered in the context of major questions of good, duty, and right; consideration of problems in social ethics; and the critical analysis of contemporary moral problems.

301 History of Western Philosophy: Part I—Ancient Through Medieval

3 Hrs.

An historical treatment of the problems of philosophy with a focus on ideas that have shaped the course of Western thought. The development of these ideas will be traced in the writings of great philosophers, ending with the maturity of Medieval philosophy in the works of St. Thomas Aquinas in the 13th century.

302 History of Western Philosophy: Part II—Renaissance Through Modern

3 Hrs.

Continuation of Philosophy 301. This course begins with William of Ockham and the *via moderna* and continues through Kant and Hegel in the 18th century, examining the ideas that have shaped the philosophy of modern Western cultures.

303 Contemporary Philosophy

3 Hrs.

Problems of philosophy in their modern setting: development of ideas that have shaped Western thought analyzed in the writings of some of the influential modern philosophers.

Prerequisite: Three credit hours chosen from Philosophy 203 or 301.

309 Aesthetics

3 Hrs.

Philosophical study of the nature of art, emphasizing the nature of the aesthetic object, the creative process, the aesthetic experience, and the problem of understanding and evaluating art.

310 Great Philosophies and Philosophers

Study of major movements and periods of philosophy through concentration on specific authors and traditions.

Subtitles indicate the specific philosophers or areas to be studied; may be taken more than once with different subtitles.

Prerequisite: Philosophy 203 or 301, or permisson of the instructor.

310a Plato and Aristotle

3 Hrs.

Study of the major writings of Plato and Aristotle.

310b Existentialism and Phenomenology

3 Hrs.

Study of selected major works in the development of both Existentialism and Phenomenology with concentration upon such men as Kierkegaard, Sartre, Heidegger, Husserl, and Merleau-Ponty.

310c American Philosophy

3 Hrs.

Study of main philosophers and philosophies that have shaped American thought.

310d Existential Philosophy in Literature

3 Hrs.

An examination of the themes and ideas of contemporary existential thought as they are embodied in the literary works of authors such as Dostoyevsky, Kafka, Gide, Malraux, Sartre, Beckett, Ionesco, and others. The course involves an analysis of such ideas as the nature and destiny of man, the problems of freedom and evil, the notions of alienation and isolation, the idea of the "death of God," and the ontological significance of death and anxiety.

NOTE: Students may elect this course as English 355.

336 Political Theory I

3 Hrs.

Political thought from classical Greece to Hobbes; examination of the content of political thought and its sources in and impact upon society during the ancient, medieval and renaissance periods.

NOTE: Students may elect this course as Political Science 336.

337 Political Theory II

3 Hrs.

Political thought from Hobbes to the Twentieth Century; examination of the content of political thought and its sources in and impact upon society from the Seventeenth Century to the Twentieth Century.

NOTE: Students may elect this course as Political Science 337.

350 Directed Studies in Philosophy

1-3 Hrs.

Faculty supervised study of an approved topic in philosophy through selected reading. To be evaluated through a weekly meeting with the instructor and a comprehensive paper. May be repeated for credit.

425 Seminar in Philosophy

3 Hrs.

Study of topics of special interest, such as Chinese philosophy, philosophy of science, and Indian philosophy.

Prerequisite: Previous work in philosophy or senior standing.

450 Independent Studies in Philosophy

3 Hrs.

Independent investigation of a topic by means of a thesis or a program of directed readings.

Admission by permission of the instructor.

Religion

College study in religion should increase a student's awareness of man's perennially urgent questions in their varied forms. Courses in this department can aid the student in grasping what any religious heritage means and in evaluating the religious choices which persons and societies continually make.

Careers

Training and perspective gained in this field can enhance any vocation. The student planning graduate work in religion, or intending to enter a church related position, may support another major by electives in the religion department. Students should look especially to possible combination with the program in social work. The major in religious education leads to employment in a church or church-related teaching position.

Religious Education Major

Religion 103, 205, 206, 315; Religious Education 105, 305, 316, 375; and at least 9 additional hours in religion or philosophy courses at the 300-level or above as recommended by the major adviser. Additional requirements are Education 221, 310,345 or 401,442 or 448; Psychology 209 or 319. Suggested electives include Art 213; Education 312, 334; Music 230; Philosophy 207; Sociology 203, and 306.

Religion Minor

Religion 205, 206, and at least 10 additional hours as approved by the department.

Distributed Requirements

The distributed requirement in religion, Area III, is fulfilled by any religion course at the 100 or 200 level.

103 Introduction to the Study of Religion

3 Hrs.

Development of awareness of the nature of religion, of some basic religious issues, and of methods for studying religion, through the reading of selected works.

205 The Old Testament

3 Hrs.

Introduction to the nature of the biblical writings and to methods of Bible study. The history, literature, and faith of the people of Israel as seen in the Old Testament.

206 The New Testament

3 Hrs.

The history, literature, and faith of the early Christian community as seen in the New Testament.

Students intending to take six hours in the Bible should enroll in 205 prior to 206.

303 World Religions I: The Orient

3 Hrs.

Historical survey of Asia cultures and the systems of thought and practice that have made lasting impressions on the Orient; study of some of the major persons and movements that have influenced the development of Oriental religions.

304 World Religions II: Near East and West

3 Hrs.

Interpretive study, both historical and contemporary, of Judaism, Islam, and other religions which have shaped the development of Western culture and history.

306 Prophetic Religion

3 Hrs.

The prophetic movement in Israel; context and message of major Hebrew prophets and selected minor figures; significance of the prophetic style within present-day society.

Prerequisite: Religion 205 or permission of the instructor.

309 The Writing of Paul

3 Hrs.

Paul's life, letters, and teachings in the context of first century Judaism and Hellenism.

Prerequisite: Religion 206 or permission of the instructor.

311 Jesus in the Gospels and in Present-Day Thought

3 Hrs.

An endeavor to understand and interpret the life and person of Jesus, by study of the records concerning Jesus in the four gospels, Christological material in other New Testament books, and a cross section of present-day thinking on the significance of Jesus.

Prerequisite: Religion 206 or permission of the instructor.

315 Christianity as an Historical Movement

3 Hrs.

Study of Christian life and thought in their interaction with changing cultural contexts, from origins through the 16th century; work with primary texts and with a variety of major Christian figures; the theological question of the meaning of history.

Recommended: Some prior work in ancient or European history and in biblical study.

317 Religion in America

3 Hrs.

Historical analysis of American leaders and movements in religion, with special attention to continuing social and theological problems.

320 Contemporary Views of Man

3 Hrs.

Divergent ways—Christian and other—in which the nature of man is currently interpreted; ethical and religious dimensions of the various views.

323 Religion in Contemporary American Society

3 Hrs.

Introduction to recent developments and discussions relating to religious communities, illuminating the religious situation in America; critical study of traditional forms and of newer movements. Study is composite, drawing from sociology of religion, social ethics, history, and theology.

344 Christian Ethics

3 Hrs.

Historical and systematic examination of the issues in Christian ethical thought and of the problems of Christian norms for action, with special attention to major contemporary Christian theorists.

Recommended: A course in New Testament.

345 Modern Christianity

3 Hrs.

Intensive study of some of the persons, events, and controversies shaping theology in the 20th century—for example, through readings in Kierkegaard, Buber, Barth, the Niebuhrs, Bonhoeffer, Teilhard. Brief survey from 16th to 19th century to trace main trends leading into the present.

349 Topics in Religion

1-3 Hrs.

Concentrated study of a particular person or issue in the field of religion. Topics as proposed will be chosen by the department and approved by Educational Programs and Curriculum Committee to supplement regular offerings and to cover specialized problems. Course may be repeated for credit with different subtitles, but does not satisfy distributed requirements.

350 Directed Readings

1-3 Hrs.

Faculty-supervised reading of a department-approved bibliography; results to be reviewed at a weekly tutorial, concluding oral review by department. May be repeated for credit.

449,450 Independent Study in Religion

Any two successive terms—1,2, or 3 Hrs.

A project of directed readings or research in the field of religion. In 449 the problem is formulated and the work planned; in 450 the student executes the project. Written report and oral examination by the department.

Prerequisite: Nine hours in religion, and permission of the department; 449 is prerequisite to 450.

Religious Education

105 Introduction to Religious Education

3 Hrs.

An introduction to the foundations, nature and methods of religious education.

305 Background and History of Religious Education

3 Hrs.

A study of the history of religious educational movements with some consideration of their historical place in current religious practices. The objectives and administration of religious education are analyzed.

316 Elements of Religious Worship

3 Hrs.

A study of the purpose and content of public worship.

375 Religious Education Professional Internship

3-6 Hrs.

Practical experience in the area of religious education.

Division of Interdisciplinary Studies

American Studies

American studies is an interdisciplinary major program which allows students to choose, from a number of major areas, courses dealing with American life and culture, and to pursue an analysis of specific areas of American civilization through a senior seminar and independent study projects.

A concentration in American studies encourages students to examine the forces shaping America's civilization, and to integrate a number of academic areas in order to analyze and evaluate the American experience.

Careers

An American studies major should grasp the facts of American culture and intellectual history so that she may integrate the knowledge and research technology from a variety of disciplines into a coherent whole. Through an emphasis in economics or political science a career in public administration, foreign service, or law is possible. Through coordinated study of art, archaeology, and history combined with internships or a practicum, a position in historic preservation is possible; with course work and internships in journalism, a career in newspaper writing may result. Graduate training in American studies is available at an increasing number of universities, with courses being offered in conjunction with libraries, museums, or foundations. Through consultation with the education department, social studies or English certification is possible at both intermediate and secondary levels.

Major

At least nine hours in American history, including 203 and 204; English 331, 332; plus 15 hours at the 300 level in courses with an American emphasis (as listed below) to be chosen in consultation with an American studies adviser. In addition, American studies majors are required to take American Studies 200, 400, and 450.

Minor

At least 18 hours in courses with an American emphasis in addition to American Studies 200, 400, and American Studies Senior Thesis.

Electives

American studies majors may elect their major program from among the following courses: Art 307; Business 100; Economics 351; English 328, 329, 333, 352; History 325, 389, 392, 393, 394, 396, 397, 398; Music 207; Philosophy 310c; Religion 317, 323; Political Science 201, 308, 310, 313, 315, 325, 326; Sociology 325, 340.

200 The American Experience

3 Hrs.

The course will explore significant interrelationships among politics, economics, literature, the arts and religion at selected moments of American history. An interdisciplinary course, it will serve as an introduction to studies in American culture.

400 Senior Seminar in American Studies

3 Hrs.

Colloquium for American studies majors who meet for papers, reports, and lectures to synthesize insights about American society.

450 American Studies Senior Thesis

3 Hrs.

Opportunity for independent investigation of a theme or project to culminate in a written report. (Open to American studies majors only.)

European Studies

Major in European Studies

The major in European studies is an interdisciplinary program which offers students a comprehensive knowledge of European civilization and enables graduates to consider business and diplomatic careers in Europe.

The program consists of four parts:

1. At least 39 credit hours in one of several concentrations dealing with Europe.
2. A senior seminar which is included in the 39 credit hours.
3. Electives relating to Europe.
4. Residency in Europe.

Optional Concentrations

A student majoring in European studies must select one of five areas for concentration; residency in Europe is required with each.

Economics/Business

Eighteen hours of economics and business courses including Business 320, 352, 400 and Economics 405; History 102, 387, 388;

Political Science 301, 323; a 321 conversation course in a foreign language; European Studies 470.

French

Eighteen hours of French courses including 321, 435, 343; History 102, 387, 388; Political Science 301, 323; Economics 405; European Studies 470.

History

Eighteen hours of courses in history including 101 and 102 and any four courses selected from 301, 302, 317, 387, 388, 391 or 449 (a reading course with either a country or historical period); Political Science 301, 303, 323; Economics 405; a 321 conversation course and a literature course in a foreign language; European Studies 470.

Political Science

Eighteen hours of political science courses including 206, 301 and four courses from 303, 323, 324, 326, 336, 337, 350 or 450; History 102, 387, 388; Economics 405; a 321 conversation course and a 400 directed reading course in a foreign language; European Studies 470.

Spanish

Eighteen hours of Spanish courses including 321, 341, 402, 451; History 102, 387, 388; Political Science 206, 301 or 323; Economics 405; European Studies 470.

Electives

Students should choose electives in art and music from Art 111, 112, 328, and 329; and Music 308 and 407. Electives from other departments which support the major include English 217 and any European literature course; Philosophy 301, 302, 303; Psychology 303; Religion 304, 315, 345; and Sociology 313, 316.

European Residency

A student majoring in European studies must fulfill a residence requirement in Europe.

The foreign student adviser assists majors in planning a European residence and must approve all proposed residency programs, which should be scheduled during Term II of the junior year, the summer following the junior year, or Term I of the senior year. The foreign student adviser and the student's academic adviser will consult with the student during the residency and will determine the academic credit to be transferred or awarded for it when the student returns.

A student must fulfill the European residency requirement by participating in the Experiment in International Living, a program of the Association of United Colleges for Foreign Exchange and Study by attending a European educational institution, or by enrolling in an American sponsored academic program which does not isolate United States participants from other students. Credits earned through these programs and approved by the committee may be transferred to Queens College.

As an alternative, a student may register for European Studies 370: Residency in Europe.

370 Residency in Europe

An informal program of settled residency in Europe, planned by the student and offering as many as 12 credit hours on a P/NR basis. Credit may be granted for simple domicile with journal at one credit hour per month, or two credit hours per month if student is employed.

This course may not be taken concurrently with any international program for which credit may transfer to Queens.

470 Seminar on Europe (Senior Seminar)

3 Hrs.

An on-campus course required of all students majoring in European studies; taken during senior year. Students engage in independent study on an approved subject, participate in group discussions on selected topics, and meet with specialists in various branches of European studies.

Latin-American Studies

Major in Latin-American Studies

Requirements for a Bachelor of Arts degree with a major in Latin-American Studies include Spanish 301, 302, 322, 431, 432, and 476; and nine hours of courses 300 level or above in economics, history, political science, and sociology, as approved by the major adviser.

Minor in Latin-American Studies

Requirements for the minor include at least 18 hours of courses in Spanish including Spanish 321, 431, and 432.

Business/Foreign Language Major

Students majoring in this interdisciplinary program will acquire business as well as foreign language skills.

The fifteen hours of business courses required for this major include Economics 203 or 204, Business 207 and 310.

Optional courses suggested are Economics 351 and Psychology 303.

The foreign language component of the major would be French and/or Spanish.

Under the option for one language, the student will select fifteen hours of the language, including 321, 399, and 451. With the option for two languages, the student will complete nine hours of one language, including 321, 399, and 451, and six hours of the second language, including 321 and 399.

Honors Program

The Queens College Honors Program is designed for the academically talented student to provide her with as high a degree of freedom and individual challenge as possible.

Each year all students enrolled for a minimum of 12 hours and maintaining a cumulative grade point average of 3.000 or higher are designated "Eligible for Honors." These students are permitted and encouraged to participate in the Honors Program. Students with grades of Incomplete are ineligible for honors unless granted special permission by the Honors Committee. Transfer students must spend one regular term at Queens before becoming eligible for honors.

Dana Scholars

Approximately 10 students each in the rising sophomore, junior and senior classes are designated Dana Scholars. These awards are based on scholarship and leadership.

Graduation with Honors

The titles *summa cum laude*, *magna cum laude*, and *cum laude* and awarded by the administration upon the recommendation of the Honors Committee and approval of the faculty. The title *summa cum laude* is awarded to students who have a grade point average of 3.850, and to students who have successfully completed an Honors Thesis and have a grade point average of 3.750; the title *magna cum laude* to students who have a grade point average of 3.650; and the title *cum laude* to students who have a grade point average of 3.500. A student must have completed at least half the required hours for graduation at Queens College to be eligible for graduation with honors. Her grade point average will be determined by work taken at Queens.

In-Course Honors

1 Hr.

199—Open to students in 100-level courses.
299—Open to students in 200-level courses.
399—Open to students in 300-level courses.
499—Open to students in 400-level courses.

An opportunity for the student to pursue additional work in a course in which she is enrolled. May consist of special readings, a term paper, or presentation; but need not be restricted to these. Each of the above courses may be taken more than once for credit.

Honors 250 Directed Reading

1 to 3 Hrs.

Open to second semester freshmen, sophomores, juniors, and seniors. An opportunity to explore related writings in a field of special interest to the students; readings under supervision of a faculty member. No paper is required. May be taken more than once for credit.

Honors 300 Honors Colloquium

3 Hrs.

Open to sophomores and juniors. Opportunity for discussion, reading, analysis and research on a contemporary topic. Topic to be announced during Term I.

Honors 350 Directed Study

1 to 4 Hrs.

Open to juniors and seniors. A detailed study of some topic of special interest, resulting in a paper and oral examination. Work is done under the direction of a faculty member and with the joint supervision and evalution of the Honors Committee. May be repeated only once for credit.

Honors 450 Honors Research

1 to 4 Hrs.

Open to juniors and seniors. An opportunity for research in a field of student's special interest, resulting in a paper and oral examination. Work done under the direction of a faculty member with the joint supervision and evaluation of the Honors Committee. Detailed proposal for research is submitted to the Honors Committee for approval by the end of the term preceding the project. May be taken more than once for credit.

Honors 490-491 Senior Honors Thesis

4 to 6 Hrs.

Open to seniors who have completed five hours of honors work with no more than four hours taken from In-Course Honors. An opportunity for extended research in a field of special interest, resulting in a paper and oral defense before an examining committee comprised of the Honors Committee and faculty members chosen jointly by the student and her thesis adviser. Detailed proposal for research is submitted to the

Honors Committee for approval by the end of the term preceding the project. The phrase "With Honors Thesis" is printed on the diploma of a student who successfully completes these two courses.

General Studies

100 Introduction to General Studies

An interdisciplinary seminar which, through the use of selected books and other media, (1) takes the problem-focused approach to general education and demonstrates the integration of knowledge as desirable in our modern day world and (2) develops skills mainly in writing, reading and interpretive thinking and study. Aims to foster an awareness of the transactions of disciplines, to afford a common intellectual experience, to foster a sense of community in the special program, to facilitate reentry, and to afford the student an opportunity to examine her acacemic interests and needs.

Required of all General Studies candidates.

Not open to regular students.

Contemporary Issues

200 Interdisciplinary Studies

3 Hrs.

An interdisciplinary course in a major contemporary issue, offered in response to student and faculty interest. Credit as elective only.

Internship

205 Exploratory Internship

1, 2, 3 Hrs.

The purpose of the internship is to provide students with the opportunity to explore various career options through first hand experiences in job settings. Students will be supervised by persons actually employed in the given areas as well as by a faculty member. The grading is Pass/Fail. The course may be repeated for a total of six hours credit. Guidelines are available in office of Dean of the College of Arts and Sciences.

Prerequisite: Degree candidate status with successful completion of 12 credit hours at Queens College. Permission of faculty member in area of interest.

Senior Thesis

450 Interdisciplinary Senior Thesis

3 Hrs.

Designed primarily for students who are pursuing a self-structured major or any student engaged in interdisciplinary study at the advanced level. The project is supervised and evaluated by the student's major adviser and at least one person from another department. Open only to seniors. Students pursuing an honors degree should plan to take Honors 490 instead of Interdisciplinary Thesis 450.

Division of Natural Science and Mathematics

Jack H. Fehon, *Chairman*
Dana Professor of Biology
Florapearl Cobey
Assistant Professor of Chemistry
Gordon D. Duncan
Professor of Chemistry and Nuclear Medical Technology
Winslow H. Hartford
Adjunct Professor of Environmental Science
Rebecca C. Jann
Assistant Professor of Biology
Virginia L. Martin
Professor of Biology
Martha C. McCormick
Assistant Professor of Mathematics and Computer Science
Jimmie C. Oates
Professor of Physics
Joan E. Quinn
Assistant Professor of Mathematics

Biology

To serve the needs of the liberal arts student the department offers introductory work in biology with a contemporary molecular emphasis relating the field to the physical sciences and other disciplines.

Careers

Major study in biology provides basic preparation leading to work in research and medical laboratories, government positions, related businesses, teaching, and graduate study in biology, medicine, hospital administration or veterinary science.

A unique program in marine science is offered each summer at Pawleys Island, South Carolina. The department is also affiliated with the Gulf Coast Research Laboratory, Ocean Springs, Mississippi. Courses available to Queens students are listed at the end of this section.

Biology Internship

Students may gain practical experience in various fields of biology science during their junior or senior year. Details of this program may be obtained from the department chairman.

Bachelor of Arts

Requirements for the degree: Biology 103, 104, 106, 499, and 22 credit hours from biology courses numbered 200 and above as approved by the major adviser. Students majoring in biology are required to take Chemistry 111 and 112, and 2 courses from Mathematics 101, 104, 113, 114, or 206. Chemistry 404 may be substituted for biology electives. Candidates for teaching certificates may substitute up to four credit hours of Education 442 for biology electives. Students majoring in biology are advised to take physics and organic chemistry.

Bachelor of Science

Requirements for the degree: Biology 103, 104, 106, 499, and three courses from 201, 210, 301, 302, 310, 405, 425; two courses from 207, 300, 315, 401, 402; and six hours of biology courses numbered 200 and above as approved by the major adviser. Students majoring in this program are required to take Chemistry 111, 112, 303, 304; Physics 101, 102; Mathematics 113 and 114 or 206. In addition, successful completion of one course of foreign language at the intermediate level is required, that is, completion of 201 or 202.

Minor

A minor in biology consists of Biology 103, 104, 106 and eight hours of approved biology electives.

Distributed Requirements

The requirement for Area IV is met with Biology 103, 104, or 106.

Prerequisite

Biology 103 is prerequisite to all courses numbered 200 and above.

103 Principles of Biology

4 Hrs.

An introduction to the principles underlying the activities of living organisms; origin of life; molecular biology; cell structure and function; heredity; laboratory emphasizes the scientific method.

Three hours lecture and three hours laboratory a week.

Prerequisite: High school chemistry or Chemistry 101 or 111.

104 Plant Biology

4 Hrs.

Morphological survey of the plant kingdom; study of life cycles emphasizing evolutionary changes; consideration of economic aspects.

Three hours lecture and three hours laboratory a week.

No prerequisite.

106 Animal Biology

4 Hrs.

Survey of the animal kingdom; study of the organization and activities of animals with emphasis on man; and evolution of animal life.

Three hours lecture and three hours laboratory a week.

No prerequisite.

111 Human Anatomy

4 Hrs.

A study of the structure of the human body. Laboratory includes human osteology and mammalian dissection.

Three hours lecture and three hours laboratory a week.

(May not be counted toward major or as distributed requirement.)

112 Human Physiology

4 Hrs.

A study of the function of the human body.

Laboratory study designed to demonstrate basic physiological principles.

Three hours lecture and three hours laboratory a week.

(May not be counted toward major or as distributed requirement.)

120 Introduction to Medical Microbiology

4 Hrs.

Principles of microbiology with emphasis on the pathogenic bacteria, viruses, rickettsiae, and fungi. Laboratory includes methods for cultivation, isolation, and identification of the above.

Three hours lecture and three hours laboratory a week.

(May not be counted toward major or as distributed requirement.)

201 Invertebrate Zoology

4 Hrs.

Study of the invertebrate phyla; comparative anatomy and physiology; natural history; systematics and evolution. Laboratory includes physiological experiments and emphasizes marine forms.

Prerequisite: Biology 106.

Three hours lecture and three hours laboratory a week.

207 Introduction to Microbiology

4 Hrs.

General survey of microorganisms with emphasis on morphology, metabolism, ecology, and taxonomy of bacteria. Laboratory emphasizes basic skills and sterile techniques.

Prerequisite or Corequisite: Chemistry 112.

Three hours lecture and three hours laboratory a week.

210 Ecology

4 Hrs.

Relationship of organisms to their environment; populations and communities; aquatic and terrestrial habitats; statistical methods. Laboratory includes both experimental and field studies.

Prerequisite: Biology 104, 106.

Three hours lecture and three hours laboratory a week.

230 Field Studies in Biology

1-4 Hrs.

Includes studies in selected habitats or of particular groups of animals or plants, or travel-study to unusual habitats or eco-systems.

Topics are announced annually.

Prerequisite: Permission of the instructor. May be repeated under different subtitles, or by permission.

280 Research Participation

3 Hrs.

An introduction to biological research by participation in research with faculty. Students will conduct individual investigations, and present the results of their work at the end of the term.

Prerequisite: Permission of the instructor. (May not be counted toward distributed requirement.)

300 Cell Biology

4 Hrs.

Study of cell structure and physiology. Laboratory emphasizes research methods including instruments and techniques used in studying cells.

Prerequisite: At least one year of college chemistry; Biology 104 and 106 recommended.

Three hours lecture and three hours laboratory a week.

301 Vertebrate Embryology

4 Hrs.

Study of development with emphasis on vertebrates and a brief introduction to experimental embryology. Laboratory emphasizes amphibians and birds.

Prerequisite: Biology 106.

Three hours lecture and three hours laboratory a week.

302 Comparative Vertebrate Anatomy

4 Hrs.

Review of the evolutionary history of vertebrates with comparative study of their systems. Laboratory dissection of dogfish, mud puppy, and cat.

Prerequisite: Biology 106.

Three hours lecture and three hours laboratory a week.

310 Marine Biology

4 Hrs.

Introduction to oceanography and marine biology with emphasis on ecology and distribution and classification of local fauna and flora.

Prerequisite: Biology 106; Biology 201 recommended.

Four weeks, summer session only, at Pawleys Island, South Carolina.

315 Histology and Microtechnique

4 Hrs.

The study of animal cells, tissues, and organs. Laboratory emphasizes practical experience in preparation of microscope slides.

Prerequisite: Biology 106.

390, 391 Laboratory Assistant in Biology

0, 1 Hrs.

Practical experience as a laboratory assistant in the department. May be repeated once for credit. Grading is P/NR.

Prerequisite: 12 hours of biology with a grade of B or better and permission of the department.

401 Comparative Physiology

4 Hrs.

Study of the function of vertebrate systems. Comparisons made to invertebrate systems where appropriate. Includes lecture and laboratory experimentation.

Prerequisite: Biology 302 or permission of instructor; one year college chemistry.

Three hours lecture and three hours laboratory a week.

402 Genetics

3 Hrs.

Principles of heredity and variation in plants and animals.

Prerequisite: Mathematics 101, 113 or permission of the instructor. Does not count toward major without Biology 402L.

Three hours lecture a week.

402L Genetics Laboratory

1 Hr.

Laboratory methods in breeding genetically important species.

Corequisite: Biology 402.

Three hours laboratory a week.

405 Plant Systematics

4 Hrs.

Development of systems of classification; study of basic principles; practice in identification; collection and study of members of plant families represented in local flora.

Prerequisite: Biology 104.

Three hours lecture and three hours laboratory a week.

425 Biology of Parasitism

4 Hrs.

Introduction to biological principles involved in parasitism of animals including man; host-parasite relationships; ecology; structure and classification.

Prerequisite or Corequisite: Biology 201.

Three hours lecture and three hours laboratory a week.

430 Topics in Biology

1-4 Hrs.

This course provides the opportunity for a faculty member and a group of interested students to study a subject that is not offered on a regular basis in the curriculum. Topics are announced annually. May be repeated for credit under different subtitles.

Prerequisite: One year of college biology. May vary with topic. Lecture and Laboratory hours vary with the hours credit and the course taught.

450 Independent Studies in Biology

1 to 4 Hrs.

Research projects in the area of the student's interest; written report and/or oral examination may be required; summer research in marine biology. May be taken more than once but total credits may not exceed six hours.

Admission by permission of the instructor.

460 Biology Seminar

1 Hr.

Invited guests, faculty and students present oral reports on topics of their specific interest and experience in biology and related fields.

Prerequisite: 8 hours of biology above the 100 level or permission of the instructor. May be repeated for credit.

One hour per week lecture, or discussion.

490 Biology Professional Internship

3 Hrs.

Practical experience under supervision in the field of biological science.

Prerequisite: At least 24 credits in biology and permission of the department.

499 Advanced General Biology

3 Hrs.

A restudy and synthesis of basic biological principles. Designed to provide depth to the undergraduate biology major's experience.

Prerequisite: 24 hours in biology courses and permission of the instructor.

Gulf Coast Research Laboratory

Queens students may receive credit for the following courses which are given at the Gulf Coast Research Laboratory at Ocean Springs, Mississippi. These are offered during summer session only.

361 Marine Botany

4 Hrs.

A survey, based upon local examples of the principal groups of marine algae and maritime flowering plants, treating structure, reproduction, distribution, identification, and ecology.

Prerequisite: 10 hours of biology, including introductory botany.

362 Marine Vertebrate Zoology and Ichthyology

6 Hrs.

A general study of the marine Chordata, including lower groups and the mammals and birds, with most emphasis on the fishes.

Prerequisite: 16 hours of zoology including comparative anatomy.

452 Marine Microbiology

5 Hrs.

A general course designed to introduce the student to the role of microorganisms in the overall ecology of the oceans and estuaries. Lecture and laboratory work includes sampling procedures, taxonomy of marine bacteria, mineralization, microbial fouling, pollution, and diseases of marine animals.

Prerequisite: Biology 207.

461 Parasites of Marine Animals

6 Hrs.

A study of the parasites of marine animals with emphasis on the morphology, taxonomy, life histories, and host-parasite relations. Lecture, laboratory, and field work are included.

Prerequisite: Biology 425.

Chemistry

The Bachelor of Arts program emphasizes the breadth of liberal arts study in terms of a wide range of elective courses together with a sound education in chemical principals and laboratory skills. Teacher certification may be obtained in the B.A. program.

The Bachelor of Science program is designed to provide an educational experience with more depth in science and mathematics. Students are prepared by this program to pursue careers in chemistry and medicine which will require graduate study or formal professional training in medical school. Well-equipped laboratories and qualified staff make possible a special emphasis on clinical and industrial applications of chemistry.

Careers

Students planning to pursue careers in science and medically related fields should take courses in chemistry. These careers include chemistry, biochemistry, biology, forensic science, medicine, nursing, laboratory technology, medical technology, dental technology, physical therapy, veterinary medicine, and nuclear medical technology.

Bachelor of Arts in Biochemistry

Requirements for the degree: Chemistry 111, 112, 208, 303, 308, 403, 404, 405; Laboratories 1, 2, 3, 5, 6, 7, 8, 9; 12 credit hours of approved biology courses above the 100 level; Physics 101, 102; Mathematics 113. Mathematics 114 and a foreign language are recommended.

Bachelor of Science in Biochemistry

Requirements for the degree: Chemistry 111, 112, 208, 303, 304, 307, 308, 403, 404;

Laboratories 1, 2, 3, 5, 6, 7, 8, 9; 12 credit hours of approved biology courses above the 100 level; Physics 101, 102; Mathematics 113, 114.

Successful completion of two courses of foreign language at the intermediate level is required, that is, completion of 201 and 202. Chemistry 405 is recommended.

Minor

A minor in chemistry requires completion of any three courses in chemistry beyond the 100 level.

A minor in biochemistry requires completion of Chemistry 403, 404, and 405.

Distributed Requirements

Chemistry 101, 102, or 111, 112 or Chemistry 303 by permission of department. Credit may not be earned for both 101, 102, and 111, 112.

Course Sequences

After completing Chemistry 112, students are advised to take courses in the order listed in either of two sequences:

Instrumentation—Physical Chemistry sequence: 208, 307, 308.

Organic Chemistry—Biochemistry sequence: 303, 403, 404.

Other courses may be taken in any sequence provided prerequisites are met.

Laboratories

The department requires a student to register for a laboratory with each class course.

101 General Chemistry I

3 Hrs.

This course includes the structure of the atom; the structure of the nucleus and nuclear chemistry; the Periodic Table; chemical bonding; solids, liquids, and gases; and stoichiometric relationships, the properties of solutions, colloidal systems, chemical equilibria, thermochemistry, electrochemistry, metals, and non-metals.

Three hours lecture a week. Designed primarily for non-science majors.

102 General Chemistry II

3 Hrs.

This course is an introduction to organic chemistry and biochemistry, including functional groups, reactions, synthesis, and mechanisms.

Prerequisite: Chemistry 101 or permission of instructor.

Three hours lecture a week. Designed primarily for non-science majors.

111 Chemical Principles I

3 Hrs.

The study of atomic and molecular structure, electro-negativity, the relationships of the Periodic Table, covalent, ionic, and metallic bonding, molecular orbitals, enthalpy and entropy.

Three hours lecture a week. Designed primarily for science majors.

112 Chemical Principles II

3 Hrs.

The study of chemical equilibria, reaction rates, free energy, electro-chemistry, acids, bases and pH, and an introduction to carbon chemistry.

Three hours lecture a week. Designed primarily for science majors.

208 Instrumental Analysis I

3 Hrs.

Introduction to instrumentation and instrumental analysis with emphasis on fundamental electronic units, instrument design and construction and analytical application.

Prerequisite: Chemistry 112 or permission of the instructor.

Three hours lecture a week.

303 Organic Chemistry I

3 Hrs.

Introductory course including an integrated survey of the more important compounds of the aliphatic and aromatic series; emphasis on problems in organic synthesis.

Prerequisite: Chemistry 112 or permission of the instructor.

Three hours lecture a week.

304 Organic Chemistry II

3 Hrs.

Theoretical course treating the mechanisms of organic reactions in terms of modern structural theories.

Prerequisite: Chemistry 303 or permission of the instructor.

Three hours lecture a week.

307 Instrumental Analysis II

3 Hrs.

A second course in instrumental analysis with emphasis on analytical methodology.

Prerequisite: Chemistry 208.

Three hours lecture a week.

308 Physical Chemistry

Alternate years—3 Hrs.

Study of the structure of gases, the physical properties of matter, the laws of thermodynamics and the principles of equilibria.

Prerequisite: Chemistry 112 or permission of the instructor; Mathematics 113, Physics 101, which may be taken concurrently.

Three hours lecture a week.

390, 391 Laboratory Assistant in Chemistry

0, 1 Hrs.

Practical experience as a laboratory assistant in the department. Chemistry 391 may be repeated once for credit. Grading is P/NR.

Prerequisite: 12 hours of chemistry with a grade of B or better and permission of the department.

403 Biochemistry I

3 Hrs.

Study of the chemistry of carbohydrates, fatty acids, lipids, amino acids and proteins; solutions, especially pH measurement and calculations; antigen-antibody reactions in immunoelectrophoresis; special topics in biochemical research (each student presents a report).

Prerequisite: Chemistry 303.

404 Biochemistry II

4 Hrs.

Emphasis is on enzymes and metabolism with special reference to recent work on enzyme kinetics.

Prerequisite: Chemistry 403 or Biology 300 or permission of the instructor.

Three hours lecture a week.

405 Physiological Chemistry

3 Hrs.

A course applying principles of biochemistry to the interpretation of normal and abnormal genetic and physiological states occurring in Mammalia; discussion of digestive processes, fluid and acid-base balance, hormonal influence on physiological states, organ function tests, and excretory processes.

Prerequisite: Chemistry 404.

Three hours lecture a week.

450 Directed Individual Studies

2, 3, or 4 Hrs.

Individual research conducted by the student.

Prerequisite: Open to advanced students by permission of the instructor.

Three, six or nine hours of consultation and laboratory work a week.

460, 461 Chemistry Seminar

1, 1 Hrs.

Faculty and students will present oral reports on new or important developments in chemistry or in fields directly related to chemistry.

Prerequisite: Chemistry 208 or 303 or permission of the instructor. May be repeated for credit.

One hour lecture a week.

490 Chemistry Professional Internship

3 Hrs.

Practical experience in the field of chemistry or biochemistry.

Prerequisite: 24 hours in chemistry courses and permission of the department.

Chemistry Laboratories

Laboratory 1—Introduction I

1 Hr.

This laboratory introduces the student to elementary glass-working, general laboratory equipment and techniques, the principles of quantitative operations, and qualitative analysis.

Three hours laboratory a week.

Laboratory 2—Introduction II

1 Hr.

The student in this laboratory is introduced to semimicro technique, chromatography, elementary organic and biochemical techniques.

Prerequisite: Laboratory 1 or permission of the department.

Three hours laboratory a week.

Laboratory 3—Instrumentation I

1 Hr.

The student is introduced to the practical aspects of instrument design and construction and to the calculations and techniques of quantitative analysis.

Prerequisite: Laboratory 2 or permission of the instructor.

Three hours laboratory a week.

Laboratory 4 — Instrumentation II

1 Hr.

The student undertakes the practical evaluation of experimental methods and instruments best suited for specific advanced analytical problems.

Prerequisite: Laboratory 3.

Three hours laboratory a week.

Laboratory 5 — Physical Chemistry

1 Hr.

The student is introduced to the basic devices for precise physical and chemical measurements.

Prerequisite: Laboratory 4.

Three hours laboratory a week.

Laboratory 6 — Synthesis I

1 Hr.

Course introduces the student to the basic experimental techniques of advanced chemical synthesis of both organic and inorganic compounds.

Prerequisite: Laboratory 2.

Three hours laboratory a week.

Laboratory 7 — Synthesis II

1 Hr.

A continuation of Laboratory 6 and the introduction of the student to organic qualitative analysis.

Prerequisite: Laboratory 6.

Three hours laboratory a week.

Laboratory 8 — Biochemistry I

1 Hr.

Basic principles and techniques of biochemical laboratory investigation introduced; work is quantitative in nature.

Prerequisite: Laboratory 3 and 6 or permission of the instructor.

Three hours laboratory a week.

Laboratory 9 — Biochemistry II

1 Hr.

Course is a continuation of Laboratory 8 with special emphasis given to advanced biochemical methodology and to quantitative measurement.

Prerequisite: Laboratory 8.

Three hours laboratory a week.

Laboratory 10 — Biochemistry III

1 Hr.

Classical clinical laboratory methods used to investigate the influence of carbohydrate, protein, lipid, hormonal, and inorganic constituents of body fluids on the physiological state of the individual animal. Open to advanced students by permission of the instructor.

Three hours laboratory a week.

Mathematics

It is the nature of mathematics to examine concepts from nearly all areas of thought using a uniquely abstract and deductive approach. Although mathematical investigation often involves the use of expressions which represent numbers, many of the discoveries of the discipline extend beyond the quantitative.

Careers

The department of mathematics offers courses which reflect the general nature of mathematics while providing the student with an understanding of special tools such as statistics and calculus. The student majoring in mathematics can choose a program which provides preparation for teaching at the secondary school level, pursuing actuarial work or work with computers, or continuing the study of mathematics in graduate school. In addition, a rigorous training in mathematics is excellent intellectual conditioning for a wide variety of careers.

Computer Center

Queens has a computer center with an on-campus IBM 5100 computer, and with direct access to both an IBM 370, Model 165 and a Hewlett-Packard 2000. The computer center is equipped with a teletype, card punch, card reader and printer, and electronic calculators.

Major

A major in mathematics consists of Calculus I, II, III, IV, Linear Algebra (303), and a course from each of the following fields of mathematics: Algebra (401); Analysis (415, 416); Applied Mathematics (405, 406, 409); Computer Science (100, 110, 200, 210, 301, 342); Geometry/Topology (304, 307); and any other mathematics course numbered 206 and above. Physics 101 and 102 are strongly recommended.

Minor

A minor in mathematics consists of Calculus I, II, III, a three hour course numbered 200 or above, and two additional three hour courses numbered 300 or above.

Distributed Requirements

Any three hour course numbered 101 or above except Mathematics 203 can be used to satisfy the distributed requirements for

Area II. Mathematics 203 counts for three distribution hours for early childhood or intermediate education majors, if taken with any three hour course numbered 101 or above.

101 Precalculus Mathematics

3 Hrs.

Sets; equations and inequalities; mathematical induction; relations, functions and their graphs; trigonometric functions.

105 Finite Mathematics

3 Hrs.

Statements, connectives, truth-tables and valid arguments; sets and their relation to statements; partitions and counting problems; probability and matrices.

101, 105 Mathematics Workshop

The mathematics workshop is required as part of Mathematics 101 or 105. It provides a review center for improving mathematics skills.

113 Calculus I

3 Hrs.

An integrated treatment of analytic geometry and limits, continuity of functions, introduction to differentiation and integration with applications to extreme values and curve sketching.

Prerequisite: Mathematics 101 or equivalent.

114 Calculus II

3 Hrs.

Continuation of basic integration with applications, elementary transcendental functions, techniques of integration (of functions of one variable), Taylor's theorem, L'Hopital's rule, improper integrals and infinite series.

Prerequisite: Mathematics 113.

203 Mathematics for the Elementary Teacher

3 Hrs.

Designed for early childhood and intermediate teacher certification. Sets and logic; enumeration conventions; the integers; number theory; rational numbers; metric geometry.

206 Statistical Methods

3 Hrs.

Introduction to the concept of statistical inference with emphasis on applications using the normal, t, chi-square, and F distributions. Primarily for persons concentrating in the behavioral or social sciences.

Prerequisite: Mathematics 101, 105, or 113.

213 Calculus III

3 Hrs.

Vector algebra, curves and vectors in the plane and in three dimensions, solid analytical geometry, polar and spherical coordinates, partial derivatives.

Prerequisite: Mathematics 114.

214 Calculus IV

3 Hrs.

Maxima and minima with two or three variables, multiple integrals, line integrals, Green's theorem.

Prerequisite: Mathematics 213.

250 Mathematics Professional Internship

3 Hrs.

A student will work with a local firm under the joint supervision of a representative of the firm and a member of the mathematics department. The work will usually require a background in computing (such as supplied by Computer Science 100) or in elementary statistics (Mathematics 206). Grading is Pass/No Record.

Admission by permission of the department.

303 Linear Algebra

3 Hrs.

Coordinate geometry; vectors and three-dimensional geometry; matrices and determinants; linear transformations.

Prerequisite: Mathematics 113.

304 Geometry

3 Hrs.

Modern approach to the study of Euclidean and non Euclidean geometries, including incidence and affine geometries; designed especially for students preparing to teach.

307 Introduction to Topology

3 Hrs.

An examination of continuity, connectedness, and compactness.

Prerequisite: Mathematics 213.

401 Introduction to Modern Algebra

3 Hrs.

Presentation of the theory of integral

domains, fields, groups, rings, vector spaces, matrices, and other selected topics.

Prerequisite: Mathematics 213. Mathematics 303 strongly recommended.

405 Introduction to Probability and Mathematical Statistics

3 Hrs.

Introductory study of probability as a mathematical system, random variables and distribution functions; mathematical models; testing hypotheses; estimation of parameters.

Prerequisite: Mathematics 114.

406 Statistical Inference

3 Hrs.

Study of the relation of sample to population with the consideration of statistical problems such as testing of hypotheses, estimation, and experimental design.

Prerequisite: Mathematics 213 and permission of the instructor.

409 Numerical Analysis

3 Hrs.

Roots of algebraic and transcendental equations; difference calculus and interpolation; matrix inversion and eigen-value problems for differential equations.

Prerequisite: Mathematics 214; may be taken concurrently.

415 Introduction to Real Variable Theory

3 Hrs.

The real numbers; set theory; metric spaces; Euclidean spaces; uniform continuity; series of functions; the Riemann-Stieltjes integral.

Prerequisite: Mathematics 214.

416 Introduction to Complex Analysis

3 Hrs.

Algebra and geometry of complex numbers; analytic functions; contour integrals; Taylor and Laurent series; conformal mappings.

Prerequisite: Mathematics 214; may be taken concurrently.

425 Mathematics Seminar

3 Hrs.

Seminar in advanced topics of mathematics.

Open to seniors in the mathematics department with permission of the instructor.

Prerequisite: Mathematics 213.

490 Mathematics Professional Internship

3 Hrs.

Practical experience under supervision in the field of mathematics.

Prerequisite: 24 hours in mathematics courses and permission of the department.

Computer Science

100 Introduction to Programming

1 Hr. First 7 weeks of term.

Writing and running simple programs in the BASIC language; flow-charting. Normally graded Pass/No Record; may be elected for letter grading at time of registration.

110 Terminals and Systems

1 Hr. Second 7 weeks of term.

Introduction to the use of terminals for communication with remote computer systems, including preparation of input, job control language, and output management. IBM 360/370 system utilities and catalogued procedures. Normally graded Pass/No Record; may be elected for letter grading at time of registration.

Prerequisite: Computer Science 100.

200 COBOL Programming

2 Hrs.

Students will learn to write and to run programs in the Common Business Oriented Language (COBOL); use of IBM 360 Job Control Language and management of data sets.

Prerequisite: Computer Science 100, 110.

210 Fortran Programming

2 Hrs.

An introduction to Fortran programming, including DO loops, arrays, and subroutines. The student will write, debug, and run programs to process numerical and non-numerical information.

Prerequisite: Computer Science 100, 110.

342 Computer Concepts in Business

3 Hrs.

Study of how computers are used for problem solving, applications to management functions, terminology, interpretation, capability and use as a planning and control tool. Emphasis on the use of Management Information System through computers.

Prerequisite: Computer Science 100, 110.

450 Directed Study in Computer Science

3 Hrs.

Course content will be tailored to the needs of the individual student; content may include development of one or more programs in a language already studied by the student, or the learning of a computing language not taught in other courses. May be repeated once for credit.

Prerequisite: Computer Science 100, 110, or permission of instructor.

Medical Technology

The Bachelor of Science degree with a major in medical technology will be granted upon successful completion of 92 credit hours of approved college work and certification in medical laboratory technology from any hospital accredited by the American Society of Clinical Pathology and approved by the college. In order to enter an A.S.C.P. approved school, minimum requirements must be met: at least 92 credit hours of college work giving a comprehensive general education and including English, social sciences, art, and humanities. In addition the minimum science and mathematics requirements are: 16 credit hours of chemistry, 16 credit hours of biology, and three credit hours of mathematics. All Queens College degree requirements must be met. A minimum of 36 hours in courses numbered 300 and above is required. Thirty credit hours are assigned to courses carried in the school of medical technology; these constitute the major. All of these 30 credit hours shall be considered equivalent to 300-400 level courses.

Radiologic Technology

The Bachelor of Science degree with a major in radiologic technology will be granted upon successful completion of 92 credit hours of approved college work and certification in radiologic technology from any hospital school accredited by the American Registry of Radiologic Technologists and approved by the college.

All Queens College degree requirements must be met. A minimum of 36 hours in courses numbered 300 and above is required. Thirty credit hours are assigned to professional courses carried in the school of radiologic technology; these constitute the major. All of these 30 credit hours shall be considered equivalent to 300-400 level courses. A student may not be admitted to candidacy for this degree until certified by the American Registry of Radiologic Technologists.

Nuclear Medical Technology

The department offers work leading to the degree of Bachelor of Science with a major in nuclear medical technology.

The nuclear medical technology program is accredited by the American Medical Association Committee on Allied Health Education and Accreditation.

Bachelor of Science

Requirements for the degree: Biology 111, 112, 207, or 120, 402, 402L; Chemistry 111, 112, 303, 403, 405; Chemistry Labs 1, 2, 6, 8, 10; English 101, 109; Mathematics 113, 206; Nuclear Medicine 100, 101, 102, 103P, 104, 200, 200L, 202, 204, 205P, 206P, 302, 302L, 307; Physics 101, 102; Psychology 302; Computer Science 100, 110, 210.

Distributed Requirements

Nuclear medicine courses may not be used to fulfill distributed requirements.

100 Medical Terminology

1 Hr.

A study of basic medical terminology designed to acquaint the student with the correct spelling and pronunciation of medical and anatomical terms. Instruction relies largely upon audio-visual resources.

101 Nuclear Medical Technology I

1 Hr.

A study of the nuclear medical technology which emphasizes special *in vitro* procedures. An introductory course in clinical nuclear medicine. The basic principles of the major *in vivo* studies and major clinical nuclear medicine procedures are discussed.

102 Nuclear Medical Technology II

1 Hr.

An introduction to the radio pharmaceuticals and instruments used in nuclear medicine. Radiation safety procedures are discussed.

Prerequisite: Nuclear Medicine 101.

103P Nuclear Medical Technology Internship

Summer—6 Hrs.

Practical experience in a clinical setting with emphasis on scanning. Radiation protection practices and routine quality control of instrumental accuracy are observed and used. Practical experience in a clinical setting with emphasis on the more advanced applications of nuclear medicine procedures. Preparation and use of radiopharmaceuticals; preparation of the patient for such studies.

Prerequisite: Nuclear Medicine 102.

104 Radiobiology and Radiopharmacy

4 Hrs.

A course in which the fundamentals of radiobiology, a systems sensitivity (normal and neoplastic) to radiation, radiation pathology and the biological effects of radiation are stressed. Emphasis is placed upon the effects of radiation and the effects of radiation absorption on tissue recovery rate. An introduction to the function of the radiopharmacy, production of radionuclides, quality control of radiopharmaceuticals and radiopharmacy mathematics.

Prerequisite: Nuclear Medicine 101.

200 Nuclear Medicine Instrumentation

3 Hrs.

A study of practical electronic design of radiation detection instruments and circuit construction. Use of instruments such as the Geiger-Muller counter, ionization chambers, proportional counters, and radiation monitoring devices are discussed. A study in detail of the use of the well-counter, scanners, cameras, single and multi-channel analyzers as related to clinical medicine. Emphasis is placed upon Na I (TI) detectors. GeLi detectors, amplifiers, spectrometers, ratemeters and scalers. Statistics related to nuclear counting are introduced.

Prerequisite: Nuclear Medicine 102, Physics 102.

200L Nuclear Medicine Instrumentation Laboratory

2 Hrs.

A lab course which complements Nuclear Medicine 200. An understanding of instrumentation discussed in lecture is gained through experimental and practical use.

Corequisite: Nuclear Medicine 200.

202 Radioimmunoassay

4 Hrs.

A review of the basic units of measurement with emphasis on the metric system. The organization of living matter from the chemical point of view is discussed. Emphasis placed on protein structure and competitive protein binding analysis.

Prerequisite: Nuclear Medicine 200.

204 Principles of Nuclear Medicine

3 Hrs.

Principles and applications of radionuclide studies of the gastrointestinal and cardiopulmonary systems.

Prerequisite: Nuclear Medicine 102.

205P Laboratory Professional Internship (Principles of Nuclear Medicine)

1-2 Hrs.

Directed clinical learning experience in special areas of the nuclear medicine laboratory. Radionuclide generators, radiation safety, management and administration of nuclear medicine department will be presented in lecture series.

Corequisite: Nuclear Medicine 204 or permission of the instructor.

206P Nuclear Medical Professional Internship II

Summer — 12 Hrs.

Practical experience in a clinical setting with emphasis on *in vitro* procedures and therapeutic use of radionuclides. A detailed study of the design and use of specific instruments utilized in clinical nuclear medicine. Performance of more sophisticated studies in *in vitro* and *in vivo* procedures employing radioisotopes and practical therapeutic use of radionuclides.

Prerequisites: Nuclear Medicine 103P and 204.

302 Nuclear Physics and Health Physics

3 Hrs.

An introduction to the concepts of atomic and nuclear radiation physics. Nuclear decay schemes and concepts of radioactive decay are discussed followed by a thorough discussion of the interactions of radiation with matter. Health physics will entail a study of radiation safety, procedures for reducing the exposure of physicians, technologists and patients, Atomic Energy Commission and North Carolina State Regulations and radiation monitoring methods used in nuclear medicine departments.

Prerequisite: Nuclear Medicine 200.

302L Nuclear Physics and Health Physics Laboratory

1 Hr.

A lab course accompanying Nuclear Medicine 302. An understanding of theory obtained in lecture is gained through experimentation with nuclear physics and health physics principles.

Corequisite: Nuclear Medicine 302.

307 Radiation Dosimetry and Advanced Health Physics

3 Hrs.

Topics in all areas of radiation dosimetry will be discussed. Particular emphasis will be placed on internal radiation dosimetry and health physics problems as related to the field of nuclear medicine.

Prerequisite: Nuclear Medicine 302 or permission of the instructor.

Physics

Distributed Requirements

Physics 101, 102, or 103 will meet the Area IV distributed requirements.

101, 102 General Physics

4, 4 Hrs.

Beginning course in physics covering the fundamental principles of mechanics, heat, sound, light, electricity and magnetism, and atomic physics.

Prerequisite: Elementary algebra and plane geometry; Physics 101 is prerequisite to Physics 102.

Three hours lecture and three hours laboratory each week.

103 Physics of Sound

3 Hrs.

An elementary treatment of generation, propagation, and detection of sound; designed primarily for music majors, but should be of interest to anyone with some music background.

Two hours lecture and two hours laboratory each week.

105 Radiologic Physics

Summer School — 4 Hrs.

Selected topics in mechanics, atom structure, electricity and magnetism, ionizing radiation, production and properties of x-rays, radiation dosimetry and protection; designed to provide students in a radiologic technology program with a basic understanding of the physical principles involved in the generation and use of x-rays.

Offered during summer school only; four weeks; 10 lecture hours and nine laboratory hours per week.

Students may not receive credit for both Physics 102 and Physics 105.

Marine Biology Program

The department of biology offers a four-week summer session in marine biology at Pawleys Island, South Carolina. In addition to the usual laboratory facilities and equipment, the college maintains a 28-foot boat for offshore collecting. Advanced students may undertake independent studies in the marine field.

In addition, Queens offers a special exchange program with the Gulf Coast Research Laboratory in Ocean Springs, Mississippi.

Environmental Science

101, 102 Environmental Science

3, 3 Hrs.

A study of the environmental issues confronting our present society: energy, population, pollution, natural resources, food production, materials production, waste disposal, transportation. Certain scientific principles are considered to the extent necessary for a basic understanding of the environmental problems, and some attention is given to the role of science in the development of and attempted solutions to these problems.

Major topics included in Environmental Science 101 are the earth and its place in the universe, the generation of electric energy, air pollution, thermal pollution, radioactivity, radioactive wastes and their disposal. Topics in Environmental Science 102 include land use, food production, population, water pollution, food additives, the urban and suburban environment, solid wastes, noise pollution, transportation.

These courses are intended primarily for non-science majors. They will be taught by a team of instructors selected from the biology, chemistry, and physics departments. Environmental Science 101, 102 will fulfill the Area IV Distributed Requirements.

Prerequisite: Environmental Science 101 or a college level physical science course is prerequisite to Environmental Science 102.

Three hours lecture, two hours laboratory a week.

Division of Nursing

Carolyn M. Jones, *Director*
Associate Professor of Nursing
Carolyn Carpenter
Lecturer in Nursing
Carolyn Foster
Lecturer in Nursing
Carol P. Fray
Associate Professor of Nursing
Karen Hauersperger
Lecturer in Nursing

Nursing

The Queens College nursing program is a four-year baccalaureate degree program which provides opportunities for the development of a professional nurse through courses in the humanities, social, behavioral, and natural sciences, fine arts, and nursing. Nursing content is founded on the Self Care Deficit Theory of Nursing.

The Queens College nursing program through the self care model prepares individuals to assume beginning positions in professional nursing and for graduate study. It creates an atmosphere in which the individual can continue to develop a personal value system and begin to develop a system of professional values. Careers in nursing may include the nursing of children, adolescents, adults (including the elderly), in community, hospital, occupational school, and institutional settings.

High priority is given to academic excellence and clinical experience. Therefore, a major emphasis is placed on clinical nursing practice experience in combination with classroom and laboratory instruction. Selected clinical experiences begin in the second year of the program and progress throughout the program.

The nursing major is concentrated at the upper division level. However, the nursing curriculum is so designed that the nursing and liberal arts prerequisite courses begin in the first year of the program. Therefore, it is highly desirable that persons interested in nursing indicate their interest as early as possible (preferably prior to or during the fall term registration of their first year).

Information for Registered Nurses

A total of 122 credit hours is the minimum number of credits required for graduation from Queens College, at least 60 of which must be completed at Queens, with 30 being at the 300-level or higher. Courses taken prior to formal admission will be evaluated for credit at the time of acceptance. Credit will also be offered through exemption examinations. The nursing major offers registered nurses the opportunity to identify strengths and capabilities so that learning activities in which they have already attained the necessary skill need not be repeated.

Length of the program will depend upon academic preparation prior to admission and satisfactory completion of essential courses in general education and in the nursing major.

Nursing 103 is prerequisite to all other nursing courses. Entering freshmen who are considering nursing as a major should schedule Nursing 103 in their first year. Also, the student is encouraged to set up an early meeting with her academic adviser so that they may plan together for scheduling of the liberal arts prerequisite courses.

Although a minor in nursing is not offered, selected nursing courses may be taken by non-nursing majors (see course descriptions).

103 Professional Nursing in the Health Care System

4 Hrs.

This survey non-clinical nursing course introduces students to the practice discipline of professional nursing within the health care system. Primary, secondary, and tertiary levels of health care, methods of health care delivery, socio-cultural aspects of health, economics, and political aspects of health care, and providers of health care are discussed.

The Self Care Deficit Theory of nursing is introduced and developed as a basis for the students' beginning conceptualization of the self care model in nursing practice. Self-awareness, communications, and value clarification will be stressed.

Required of all nursing students; open to all Queens College students.

201 Nursing Process at the Primary Level of Prevention I

3 Hrs.

This course provides an expansion of Orem's Self Care Deficit Theory, and its relationship to the nursing process and health care requirements at the primary level of prevention. Types and dimensions of nursing systems will be discussed and emphasis will be placed on the social and interpersonal systems. The basic conditioning factors in relation to self care requisites will be identified. Guided laboratory experiences in observation, interviewing, and recording of data will be provided. Focus will be on those interpersonal and social skills and technologies necessary to assess the health status of selected individuals at varying stages in the life cycle.

Prerequisite: Nursing 103.

Two hours lecture and four hours laboratory a week.

202 Nursing Process at the Primary Level of Prevention II

3 Hrs.

This concentrated laboratory course is designed to assist nursing students to begin to develop their abilities to perform selected psychomotor and interpersonal nursing skills and technologies. Laboratory experience will be provided in both classroom and clinical settings.

Prerequisite: Nursing 201.

Five hours lecture and thirty hours laboratory a week.

203 Nursing Process at the Primary Level of Prevention III

3 Hrs.

The course focuses on the application of theoretical knowledge and the development of basic assessment skills in guided clinical practice in selected health care settings. Students will assess the physical, mental, social, and nutritional status of clients at varying stages of the life cycle.

Prerequisites: Nursing 201, 205, Biology 111.

One hour lecture and eight hours laboratory a week.

205 Nutrition

3 Hrs.

Students will study basic nutrition as it relates to health, health assessment, and health maintenance, as well as prevention and treatment of nutritional deviations and/or deficits. Principles from both the physical and the behavioral sciences will be utilized in the study of the action, interaction and balance of nutrients in food, and their relationship to health and altered health states.

Prerequisites: Chemistry 111, 112.

206 Nursing Care of Healthy Child-Bearing and Child-Rearing Families

6 Hrs.

This clinical nursing course focuses upon nursing care of healthy child-bearing and child-rearing women, newborns, infants, and children. Changes in the life cycle associated with periods of growth and development will discussed. Emphasis will be on designing supportive-educative nursing systems for individuals with child-bearing and child-rearing families.

Prerequisite: Nursing 203.

Five hours theory and thirty hours laboratory a week.

300, 301, 400 Clinical Nursing Core

2 Hrs., 2 Hrs., 2 Hrs.

This sequence of three seminar courses is presented in three semesters over a 1½-year time period. The first two courses in the sequence are offered in the third year of the curriculum and the third course is offered in the fall semester of the fourth year. Together, these courses provide the student with a total view of what is common to all aspects of nursing care and what is specific to the various clinical specialty areas. Selected common concepts that form the substantive components of clinical nursing practice are examined.

Prerequisites: For Nursing 300, 301--junior year standing in nursing major; for Nursing 400--senior year standing in nursing major.

302, 303 Nursing Care of Individuals with Health Deviations

6 Hrs., 6 Hrs.

These clinical nursing courses examine patterns of response to health-illness situations throughout the life cycle. They focus upon designing and implementing nursing systems with persons experiencing health deviations (behavioral and/or organic disorders). Clinical practice will be provided in a variety of settings with individuals of varying age groups.

Prerequisites: For Nursing 302--Nursing 206; for Nursing 303--Nursing 302.

304 Pharmacology

2 Hrs.

This basic course deals with classifications, drug dosage, physiological actions and response to medication therapy. Responsibilities and functions of the nurse as a communicator, a possible potentiator of medication therapy, as a decision maker, and as a legally knowledgeable professional are explored.

Prerequisites: Chemistry 112, Biology 112.

305, 306 Pathologic Processes in Health Deviations

2 Hrs., 3 Hrs.

These two sequential third-year courses serve as a foundation for understanding those structural and functional deviations or disorders which either prevent or limit the individual's self-care agency. Disturbances in adaptive mechanisms as well as in biochemical, psychosocial, and physiological regulatory mechanisms which manifest themselves as pathological processes are explored.

Prerequisites: Biology 120, 111, 112.

401 Nursing Perspectives

2 Hrs.

Ethical, educational, social, political, legal, and economic issues that affect contemporary nursing will be explored in depth. The leadership role of the nurse will be examined. Students will be expected to formalize their individual conceptualization of professional nursing. Regional / national nurse educators and/or nursing theory developers may participate in these seminar discussions.

Prerequisites: Nursing 101, 102, and fourth-year standing in nursing major.

402 Advanced Nursing Professional Internship

6 Hrs.

This course offers selected, concentrated study in advanced nursing practice in areas such as thanatology, gerontology, neonatology, crisis intervention, and oncology (students will choose two areas of study; theory and laboratory to be developed). The course focuses that will be offered will be dependent upon faculty availability, student and faculty in these experiences will provide opportunities for nursing students to crystallize their professional self-image and their clinical competencies.

Prerequisites: Nursing 301, 303, 306, and fourth-year standing in nursing major.

450 Directed Study in Nursing

3 Hrs. (To be individually arranged.)

The aim of this senior course is that the nursing student will demonstrate a comprehensive grasp of nursing theory and practice. It involves concentrated study in nursing, such as study of a nursing problem, the development and implementation of a research study, directed reading/writing, advanced clinical nursing practice. In this course, students are expected to synthesize and utilize: a) their understandings of both nursing theory and nursing practice; and b) the liberal arts and professional components of the curriculum as they relate to the practice of professional nursing, and then to summarize their study and experiences in a scholarly paper.

Prerequisite: Level IV standing.

451 Nursing Care of Families and Small Groups

3 Hrs.

This course will focus on the development of nursing systems for health promotion and maintenance, involving families and groups. Family and group theories will be presented and utilized in the nursing process, particularly for the analysis of family and group dynamics.

Prerequisite: Level IV standing.

452 Health Maintenance and Promotion

3 Hrs.

This fourth-year seminar course will focus upon the exercise of self-care agency of individuals as it relates to health maintenance and promotion. Students will analyze situations in which health exists even in the presence of disease, disability, or terminal illness when the individuals are able to accept reality, cope with their conditions, and/or to be self-actualizing. Nursing service experts, health care and other community leaders will participate in these seminar discussions.

Prerequisite: Level IV standing.

Division of Social Sciences and Education

Joyce H. Shealy, *Chairman*
Dana Professor of Psychology
Daniel C. Biber
Lecturer in Psychology
Rosalie Bryant
Lecturer in Physical Education
* Helen G. Cappleman
Assistant Professor of Education
Susan S. Carley
Assistant Professor of Sociology
David A. Freeman
Assistant Professor of Political Science and Philosophy
Noel Goodman
Lecturer in Physical Education
W. Greg Lanier
Associate Professor of Psychology
Albert A. Maisto
Lecturer in Psychology
Emory H. Mason, Jr.
Associate Professor of Education and Director of Teacher Education Programs
Phyllis A. Pharr
Associate Professor of Physical Education
Paul C. Porterfield
Assistant Professor of Education and Director of the Instructional Media Center
Dorothy L. Ross
Lecturer in Sociology
Mary Thomas Smith
Assistant Professor of Education
Elizabeth T. Walker
Assistant Professor of Physical Education

**Leave of Absence 1981-82*

Education

One of the ways of accomplishing the college's purpose as an educational institution is to prepare individuals both for personal fulfillment and for contribution to society.

Teacher certification may be obtained as a part of the student's regular four-year program. Course work is designed to meet requirements in North Carolina; there are reciprocity agreements with over 30 other states. Students planning to teach in a state other than North Carolina should obtain a copy of the requirements of that state and plan a program to meet those requirements.

Departmental objectives state that the education of teachers is threefold: they are liberally educated; they pursue in depth their teaching specialties; and they acquire the necessary professional knowledge and skills needed in teaching. The certification of teachers is limited to the areas in which the college has majors or well-established programs. The education of teachers is the joint responsibility of the academic departments and the department of education.

Certification is possible in early childhood education (grades K-3); intermediate (grades 4-9); in secondary-level teaching (grades 7-12) in English, French, Spanish, mathematics, science (or biology), and the social studies areas; and in the special subject areas (grades K-12) in art and music. Specialties in media education and reading education may be obtained with all levels of certification. Any student may also elect courses in these areas as part of her liberal arts curriculum.

Students desiring certification in early childhood education may choose to major in early childhood education or may major in any other area offered and at the same time fulfill certification requirements.

Early planning for certification (as early as the beginning of the freshman year in some programs) is advisable. Students must apply for admission to the Teacher Certification Program by the end of the sophomore year. Application for permission to do student teaching must be made by the end of the junior year. Both of these application forms may be obtained from the Education Department.

Persons interested in teacher certification who have already earned a bachelor's degree are admitted as special students. They should consult with the Director of Admissions regarding admission and are expected to complete twelve credits successfully at Queens before undertaking student teaching.

Major

The major in Early Childhood Education requires the following courses: Education 221, 305, 310, 311, 312, 334, 401, 402, 405, 406, 420, and 446. In addition, the student must complete in other departments subject matter courses required for the teaching certificate.

221 Introduction to Teaching

3 Hrs.

Sociological, historical, and philosophical background, purposes, and concepts basic to the development of public education in the United States.

Primarily for sophomore level students; required of all students in teacher education.

299 Introduction to Early Learning Experiences

3 Hrs.

Course is designed as an introduction to the components of an early learning center for young children. Topics such as routine procedures, schedules, interest areas, and materials and equipment will be included so that students will get an overall view of a well planned learning center. The student will begin to develop observational skills needed to facilitate identification of the needs of individual children and how they learn. Requirements include two hours lecture and three hours lab per week.

301 Introduction to Media Services

3 Hrs.

The beginning course for persons interested in library and school media professions: developments, objectives, standards, current issues and trends in libraries and school media centers. Includes a study of media center services, collection building, and the management of personnel, facilities, and budgets.

302 Technical Services for Media Centers

3 Hrs.

Principles and practices of cataloging, classification, and processing of books, periodicals, and nonprint materials.

Prerequisite: Permission of instructor.

303 General Reference Sources in Media Centers

3 Hrs.

A course designed for the study of reference tools used in libraries and school media centers; bibliographies, indexes, encyclopedias, almanacs, dictionaries, biographical sources, geographical sources, government documents, and audiovisual sources.

Prerequisite: Permission of instructor.

304 Audio-Visual Materials and Methods

3 Hrs.

An introductory course in selection, utilization, and care of audiovisual equipment and the production of educational materials. Includes a study of the basic theoretical concepts relating to mass communications and film literacy.

305 Literature for Children

3 Hrs.

Book selection and the integration of knowledge of children and books; includes evaluating types of literature, planning ways of using books, and the study of bibliographic sources and tools.

306 Media Center Materials for Young Adolescents

3 Hrs.

A media center internship at the junior high or middle school level. Includes an evaluation of literature, audiovisual materials, and bibliographic tools for young adolescents. A survey is conducted to determine the reading interests of young adolescents.

307 Professional Internship in Media Services

3 Hrs.

A media center internship at the elementary and secondary school levels (practice at the intermediate level is covered in Education 306). This course is designed for those persons already certified as classroom teachers.

Prerequisite: Admission by permission of the Director of Teacher Education Programs.

310 Educational Psychology

3 Hrs.

Study of those principles of psychology which can be applied directly to the classroom; emphasis on psychological testing, behavior deviations, and principles of learning.

Prerequisite: Psychology 201.

311 Health Education in the Elementary School

3 Hrs.

Study of the role of the teacher in the school health program: her responsibilities for providing a healthy and safe environment for the pupil, for becoming acquainted with available health services, and for the teaching of health and safety.

312 Physical Education in the Elementary School

3 Hrs.

Overall view of aspects of teaching physical education; its place in the school program; facilities, equipment, and safety procedures necessary for a successful program; skill progression and types of activities appropriate for elementary age groups.

NOTE: It is recommended that students preparing to teach in the elementary grades take folk and social dance as one of the two required hours of physical education.

330 The Young Child and the Educative Process

3 Hrs.

Course is designed to provide Early Childhood Education students with more in-depth knowledge of the growth stages that young children go through in their learning and will demonstrate the interrelatedness of all areas of development. The student will also develop skill in observing young children and recording their progress on a learning accomplishment profile.

334 Parent-School-Community Relations

3 Hrs.

A course designed to bring about a better understanding of the roles of the parents, the school, and the community in the education of young children.

335 Foundations of Reading

3 Hrs.

An introductory course in reading which includes the basic ideas in understanding the nature of reading as a receptive process of communication. Recent research and varying approaches to teaching reading will be explored.

345 The Teaching of Reading for Secondary School Teachers

3 Hrs.

The importance of reading development in the content fields for the improvement of learning is emphasized. Topics include work-study skills, selection of appropriate reading materials both functional and recreational, and classroom strategies. Required for secondary and special subject teacher certification.

401 Teaching of Reading and Other Language Arts

3 Hrs.

Course includes achievement of competencies in the use of materials and methods of instruction in the teaching of reading and other language arts. Student must achieve high level of competency in phonics, handwriting, and spelling. Emphasis is placed on the integration of the receptive and expressive communicative arts.

402 Diagnostic and Corrective Techniques in Reading

3 Hrs.

Course is designed to help students contribute more effectively to the total reading program by identifying, interpreting and fulfilling the needs of those experiencing difficulty in reading. Formal and informal diagnostic measures are studied. A school experience of working with students who have reading difficulties is required.

405, 406 Teaching Strategies in Early Childhood Education I, II

3 Hrs., 3 Hrs.

Course is designed to achieve competencies in teaching math, science, and social studies at the early childhood level. Emphasis is placed on instructional strategies and devising methods and materials to meet individual needs.

Parts I and II must be taken concurrently in the Term I prior to student teaching.

407, 408 Teaching Strategies in Intermediate Education I, II

3 Hrs., 3 Hrs.

Course is designed to achieve competencies in teaching math, science, and social studies at the intermediate level. Emphasis is placed on instructional strategies and devising methods and materials to meet individual needs.

Parts I and II must be taken concurrently in the Term I prior to student teaching.

420 Methods and Materials of Instruction in Kindergarten

3 Hrs.

Course includes a study of the curriculum appropriate for the kindergarten age child in relation to individual interests, aptitudes and needs. Teaching activities and experiences will be planned in each of the curriculum areas to include these factors. Provision will be made to implement these plans in a classroom.

438 Methods and Materials of Instruction for Secondary Subject Teachers

3 Hrs.

Study of teaching methods, resources, materials and strategies as related to the secondary school and special subject areas.

Prerequisite to student teaching; normally to be taken in the fall semester, senior year.

Students working for certification in art, media, and music may exempt the course.

440 Student Teaching in Media Education

15 Hrs.

Study of the various roles of the associate media coordinator at both the elementary and secondary school levels (practice at the intermediate level is covered in Education 306). Directed observation and student practice in selected schools. Grading is P/NR.

Student Teaching Fee: $40.

441 Student Teaching in Art Education

15 Hrs.

Study of various roles of the secondary/special subject teacher in relation to principles of secondary education. Directed observation and student teaching in selected schools. Grading is P/NR.

Student Teaching Fee: $40.

442 Student Teaching in Secondary Education

15 Hrs.

Study of various roles of the secondary subject teacher in relation to principles of secondary education. Directed observation and student teaching in selected schools. Grading is P/NR.

Student Teaching Fee: $40.

443 Student Teaching in Music Education

15 Hrs.

Study of various roles of the secondary/special subject teacher in relation to principles of secondary education. Directed observation and student teaching in selected schools. Grading is P/NR.

Student Teaching Fee: $40.

446 Student Teaching in Early Childhood Education

15 Hrs.

Observation and student teaching in grades K-3; seminars are scheduled throughout this period. Grading is P/NR.

Student Teaching Fee: $40.

448 Student Teaching in Intermediate Education

15 Hrs.

Observation and student teaching in grades 4 through 9; seminars are scheduled throughout this period. Grading is P/NR.

Student Teaching Fee: $40.

449 Field Experience in Teaching Reading

3 Hrs.

Students will be placed in various teaching situations—tutoring individuals and/or small groups, whole classes, special reading laboratories—in which they will work with students with reading problems.

Prerequisites: Education 335, 345 or 401, or 402, as well as permission of instructor.

450 Individual Studies in Education

Offered on demand—1, 2 or 3 Hrs.

Programs of study for experienced classroom teachers, following their interests and needs, are planned with the help of the instructor. Persons interested in enrolling in Education 450 are urged to confer with the instructor in person or by letter prior to the beginning of the course so that individual study plans may be formulated.

Prerequisite: Classroom teaching experience and permission of instructor.

Media Education

Eight courses are offered in educational media services. Students interested may select courses as electives, as preparation for graduate school, or as part of the requirements for certification as a public school librarian at the associate media coordinator level.

Students desiring certification as an associate media coordinator must take Education 301, 302, 303, 304, 305, and 306; they must take the professional education courses required for secondary, intermediate, or early childhood education; and they must have a stated major. In addition, Education 440 is required for persons working for initial certification and Education 307 is required for teachers who are certified in an area other than media education.

For additional information consult the Director of Teacher Education Programs.

Reading Education

Six courses are offered in reading education. Any student may take these courses as electives, as pre-professional courses, or as a second specialty in the teacher education program.

Students desiring this as a second specialty should take Education 305, 335, 345, 401, 402, and 449. In addition, students must meet all other requirements for teacher certification.

For additional information consult the Director of Teacher Education Programs.

Geography

205 Fundamentals of Geography

3 Hrs.

Both physical and social aspects of geography treated through study of the earth's surface and man's response to his physical environment with some emphasis on reading and interpreting maps and globes; designed primarily for elementary education certification requirements.

Physical Education

The physical education program emphasizes recreational sports skills. Through active participation in this program the student should acquire the skills and habits which will enable her to live a healthy and active life.

The distributed requirements, Area VII, may be met by any two courses; all physical education courses are graded on a Pass/No

Record basis. A student may enroll in any number of physical education courses, but only two hours of physical education credit may be counted toward the 122 hours required for a bachelor's degree. Physical education courses should be taken by the end of the sophomore year.

01 Varsity Tennis

1 Hr.

Designed for the above average, highly skilled student who desires intercollegiate competition in tennis.

Requirements: membership by tryouts, participation on team during season, current medical examination, NCAIAW and college eligibility.

May be repeated for credit.

03 Varsity Volleyball

1 Hr.

Designed for the above average, highly skilled student who desires intercollegiate competition in volleyball.

Requirements: membership by tryouts, participation on team during season, current medical examination, NCAIAW and college eligibility.

May be repeated for credit.

15 Dolphin Club

1 Hr.

Performing group. Produces an annual water show.

Membership by tryouts.

May be repeated for credit.

21 Beginning Tennis

1 Hr.

Fundamental skills of tennis; forehand, backhand, serve; emphasis on development of strokes: course for the beginner.

23 Advanced Beginning Tennis

1 Hr.

Emphasis on strengthening fundamental skills. Designed for the student who has had some experience with tennis or a course in beginning tennis. Singles and doubles competition within the class.

25 Intermediate Tennis

1 Hr.

Emphasis on improving fundamental skills, advanced strokes, and techniques; singles and doubles competition within the class.

May be repeated for credit.

31 Beginning Modern Dance

1 Hr.

An introduction to the basic principles of rhythm, design, and dynamics in modern dance; concentration on movement techniques, improvisation, and dance composition.

32 Intermediate Modern Dance

1 Hr.

Continuation of Physical Education 31, emphasizing comprehensive study of movement techniques as applied to dance composition and improvisation.

34 Dance Production

1 Hr.

Experience in the production of a dance program.

Prerequisite: Physical Education 31 or previous dance experience.

May be repeated for credit.

35 Folk and Square Dance

1 Hr.

Recreational type activity class in folk dance and both traditional and modern square dance. Experiences in instruction for students who plan to work in elementary education, recreation, and related fields.

37 Body Dynamics

1 Hr.

Principles of body movement and their application to everyday living; activities for improving body alignment, coordination, relaxation, and fitness.

May be repeated for credit.

51 Beginning and Advanced Beginning Swimming

1 Hr.

For the non-swimmer and beginner; basic safety skills, front crawl and elementary back stroke; opportunity to earn Red Cross certificates.

53 Intermediate Swimming

1 Hr.

Elementary back, front crawl, breast, side, and back crawl strokes; safety skills; opportunity for Red Cross certificate.

55 Synchronized Swimming

Strokes, stunts, and skills: beginning through advanced level; creative experience in solo, duet, and team routines.

Prerequisite: Intermediate Swimming 53 or higher level.

May be repeated for credit.

57 Advanced Life Saving

1 Hr.

Provides the student with the knowledge and skills designed to save her own life or the life of another if the emergency arises; also Red Cross certificate.

58 Water Safety Instructor's Course

1 Hr.

Increased knowledge, judgment, and teaching skill for training others; Red Cross certificate.

Prerequisite: Senior Life Saving.

61 Beginning Golf

1 Hr.

Fundamentals of golf for those who have little or no golf skill; grip, stance, club selection, etiquette, and rules. Approximately one fifth of class time is devoted to actual play.

Fee: approximately $20.

63 Advanced Beginning Golf

1 Hr.

Major emphasis is on the development of a sound golf swing. Attention is also given to putting, sand shots, uneven lies. Approximately one third of the class time is devoted to actual play.

Prerequisite: Beginning Golf 61 or permission of the instructor.

Fee: approximately $20.

65 Intermediate Golf

1 Hr.

Emphasis on individual instruction and opportunity for recreational and competitive play.

Prerequisite: Advanced Beginning Golf 63 or permission of the instructor.

Fee: approximately $20.

May be repeated for credit.

71 Riding

1 Hr.

Instruction offered at three levels; beginners, intermediate, and advanced; qualified students may hunt by arrangement.

Fee: $140.

May be repeated for credit.

81 Bowling

Offered on Demand.

Terminology, selection of equipment, instruction in scoring, approach, delivery; tournament play and handicapping.

Fee plus transportation costs.

May be repeated for credit.

92 Dual and Team Sports

1 Hr.

Participation in indoor team and dual sports; fundamental skills in basketball, volleyball, badminton, and deck tennis.

May be repeated for credit.

94 Gymnastics

1 Hr.

Emphasis on basic tumbling techniques combined in floor exercise, uneven parallel bars, vaulting, and balance beam routines.

Three hours each week.

May be repeated for credit.

95 Skiing (Snow)

Offered on demand.

Taught by professional instructors, accompanied by Queens physical education instructor, January Term. A fee will be charged which will cover equipment, instruction, lodging, four to five hours on slopes each day.

Permission of parents or guardian required.

May be repeated for credit.

Political Science

The Queens College approach to the study of political science combines the normative and ethical character of the ancient Greeks with the empirical and analytical character of contemporary post-behavioralism.

Careers

Major study in political science may lead to careers in government, politics, law, journalism, teaching, or any of the many areas in which a liberal arts background is desirable. The opportunities for graduate study are extensive, and fellowships are available with which to fund such study.

The department also offers a major in public administration leading towards careers in government work at all levels in the United States.

Major in Political Science

Degree requirements: Political Science 100, 201 and 18 additional credit hours in political science; Sociology 315; either Mathematics 206 and three additional mathematics credit hours, or six credit hours at the 300 or 400 level in economics, history, psychology, philosophy or sociology. The student should consider a focus in American government, international relations, or philosophy before deciding which of these related courses to pursue.

Major in Public Administration

The major requires 36 hours in the following courses: Economics 345, 351; Business 314; Political Science 100, 201, 310, 311, and 450; Psychology 201, 303; Sociology 203 and 312; plus six hours to be chosen from among the following courses: Business 301, 309, 310, 320, 352, or 430; History 396; Sociology 320, 325, or 394.

Minor in Political Science

Political Science 201 plus 13 additional hours in political science, at least six of which must be in courses other than 308, 310, 313, or 315.

Distributed Requirements

Political Science 100 or 201 meets the Area V distributed requirements. Political science majors may not use political science courses to fulfill Area V distributed requirements.

100 Introduction to Political Science

3 Hrs.

An introduction to basic concepts describing political activity, to the language and different approaches used in political science, and to the subfields of the discipline with emphasis upon comparative politics, international politics, empirical and normative political theory, public administration, and law and judicial behavior.

201 American Politics

3 Hrs.

Political institutions and behavior; introduction to the Presidency, Congress, Supreme Court; political parties and pressure groups as actors in politics; conservatism and liberalism as motivating philosophies.

202 Contemporary Political Issues

3 Hrs.

Study of major issues and problem areas in both American and international politics. Emphasis will be upon substantive background of the issue; introduction to the range of political concepts, actors and institutions related to these issues; and the variety of policy choices presented by these issues.

206 Political Ideology

3 Hrs.

Development and function of ideology in a political system; examination of contemporary fascist, socialist, communist, and democratic ideologies; new ideologies of emerging nations.

250 Comparative Political Systems

3 Hrs.

An introduction to comparative methods of political research. Attention will be given to a comparison of formal institutions and to basic social, economic, and cultural factors. Primary emphasis will concern the influence of these factors on political evolution and policy implementation within democratic and totalitarian governments.

300 Current Topics in Political Science

3 Hrs.

The study of selected approaches to the study of political activity or specialized topics of contemporary political science research. Possible topics include political psychology, political economics, and political fiction. Topics to be announced the term prior to offering.

301 European Political Systems

3 Hrs. Offered on Demand

Comparative analysis of political culture, institutions, and behavior in selected modern European nations; emphasis on England, France, and West Germany.

303 Communist Political Systems

3 Hrs. Offered on Demand

Analysis of communist theory and its practice in the political systems of the Soviet Union, Eastern Europe and China. Emphasis will be upon relating institutional characteristics of these systems with theoretical perceptions of life within them.

305 Developing Political Systems

3 Hrs. Offered on demand.

Introduction to the processes of political development and change, and to problems confronting developmental efforts of an emerging nation; emphasis on selected African, Asian, and Latin American nations.

308 Political Parties and Voting Behavior

3 Hrs.

Function of parties in a political system; comparative party systems; mass and cadre parties, proposals for more "responsible" parties; political attitudes and voting behavior.

310 State and Urban Politics

3 Hrs.

Political institutions, processes, and problems in the American states and municipalities.

311 Public Administration

3 Hrs.

A political analysis of the nature of government bureaucracies and how they operate. Special attention will be paid to the role of these bureaucracies in the American society, the decision-making processes in these bureaucracies, and the way in which these bureaucracies implement their own decisions as well as those made by higher authorities (such as legislatures or chief executives).

313 The Constitution and the Court

3 Hrs.

Historic interpretations of the American Constitution and major decisions in constitutional law; the Supreme Court and judicial decision-making.

315 Congress and the Presidency

3 Hrs.

Structure and functions of House and Senate, Executive Office and conflict and cooperation in domestic and foreign policy decision-making.

323 World Politics

3 Hrs.

Analysis of the nature of international politics as well as the study of the factors that govern the interaction of states, such as: nationalism, ideology, power, law, international organization, and personalities.

324 International Law

3 Hrs.

Analysis of the content and impact of man's attempts to order international relations through the development and implementation of a system of law.

325 American Foreign Policy

3 Hrs.

Major themes in the history of American diplomacy since 1898 with emphasis on their applications, modification, and development in relation to American's increased world responsibilities as a world power.

Prerequisite: History 203 or 204 or permission of the instructor.

NOTE: Students may elect this course as History 325.

326 Contemporary American Foreign Policy

3 Hrs.

Analysis of the role of the United States in contemporary world politics; emphasis upon the nature of the foreign policy-making process and the rationale, content, and impact of contemporary American international actions and policies.

Prerequisite: History 204 or permission of the instructor.

NOTE: Students may elect this course as History 326.

336 Political Theory I

3 Hrs.

Political thought from classical Greece to Hobbes; examination of the content of political thought and its sources in and impact upon society during the ancient, medieval and renaissance periods.

NOTE: Students may elect this course as Philosophy 336.

337 Political Theory II

3 Hrs.

Political thought from Hobbes to the Twentieth Century; examination of the content of political thought and its sources in and impact upon society from the Seventeenth Century to the Twentieth Century.

NOTE: Students may elect this course as Philosophy 337.

350 Directed Study

3 Hrs.

Investigation of a specialized topic in political science through research, special instruction, and assigned readings. A paper and oral or written examination by staff are required.

Prerequisite: Approval of department.

351 Professional Internship in Political Science

3 Hrs.

Field experience in application of political science theory and methods in selected agencies and organizations. May be repeated up to 6 hours. Credit applicable to political science major. Open primarily to junior and senior majors. Permission of instructor required.

450 Independent Study

3 Hrs.

Opportunity for independent investigation of a topic by means of a thesis or a program of directed readings; oral examination by department members.

Open to seniors with permission of the department.

Psychology

The department emphasizes the development of an understanding of factors important in determining behavior. Introductory courses present basic psychological principles; upper level courses provide opportunities for further work in areas of special interest. Training is provided in subject matter of the field and in techniques of data gathering and analysis.

Careers

A major in psychology provides a basis for graduate study in areas of psychology, education, social sciences, social work, and related fields as well as a foundation for careers in personnel, social work, mental health, and similar areas.

Major

Requirements: Psychology 201, 205, 303, 306, 306L, 401, and at least 19 additional hours in the department as approved by the major adviser. Mathematics 101 or 105 is required for a major in psychology. Biology 112 and Philosophy 203 are recommended.

Minor

Eighteen hours: Psychology 201; one course from Psychology 209, 308, 319; one course from Psychology 302, 303, 304; one course from Psychology 311, 314, 412; two courses from the entire departmental offerings. A student planning on minoring in psychology should check with a departmental member.

Distributed Requirements

The requirement, Area V, may be met by Psychology 201. Psychology majors may not use psychology courses to fulfill Area V distributed requirements.

Prerequisite

Psychology 201 is prerequisite to all other psychology courses.

201 General Psychology

3 Hrs.

Survey of the field of psychology emphasizing the results of scientific investigations in the area of behavior.

205 Statistical Methods in Psychology

3 Hrs.

Elementary study of statistical methods used in behavioral research, including consideration of both descriptive and inferential statistics.

Prerequisite: Mathematics 101 or 105.

Open to students majoring in psychology.

209 Child Psychology

3 Hrs.

Study of development processes from conception to puberty, with emphasis on theory, principles, and recent research.

302 Psychology of Personality

3 Hrs.

Survey of selected theories of personality, study of principles of personality development, and consideration of assessment techniques.

303 Social Psychology

3 Hrs.

Study of the behavior of the individual in society, including attitude formation and measurement, interpersonal perception, and the behavior of the individual in groups.

Note: Students may elect this course as Sociology 303.

303L Experimental Social Psychology

1 Hr.

Application of experimental methods to problems of social psychology such as attitude change, conformity, and leadership. Special problems of research design and techniques peculiar to the area of social psychology are considered.

Prerequisite or Corequisite: Psychology 303.

Three hours laboratory per week.

304 Abnormal Psychology

3 Hrs.

Study of the deviant individual from both the dynamic and behavioral viewpoints. The diagnosis, etiology, treatment, and prevention of maladaptive behavior are considered.

306 Experimental Methods in Psychology

3 Hrs.

Application of experimental methods to problems in perception, learning, and social behavior. Principles of research, including experimental design, use of apparatus, and procedural and statistical control are considered.

Prerequisite: Psychology 205.

This course must be taken concurrently with Psychology 306L.

306L Laboratory in Experimental Psychology

1 Hr.

Study of techniques and procedures of psychological research, and conducting of experiments in learning, perception, sensory processes, motivation, and social behavior.

Prerequisite: Psychology 205.

Three hours laboratory per week.

This course must be taken concurrently with Psychology 306.

308 The Exceptional Child

3 Hrs.

Study of the psychological problems of children who deviate from normative patterns of growth and development.

Prerequisite: Psychology 209 or permission of the instructor.

311 Psychological Tests

3 Hrs.

Introductory study of principles of test evaluation and interpretation and consideration of examples of the major types of psychological tests in reference to these principles.

314 Psychology of Learning

3 Hrs.

Survey of empirical findings on respondent and operant conditioning, and on human verbal learning, with consideration of research methods and design; critical examination of historical and contemporary learning theory.

315 Laboratory in Conditioning and Learning

1 Hr.

Conducting experiments in respondent and operant conditioning using both human and animal subjects, and in human verbal learning.

Prerequisite or Corequisite: Psychology 314. Three hours laboratory per week.

319 Psychology of Adolescence and Adulthood

3 Hrs.

Study of developmental processes from puberty to old age, with emphasis on theory, principles, and recent research.

320 Introduction to Counseling

3 Hrs.

Survey of counseling approaches based upon various counseling theories. In studying the theories, emphasis will be placed on basic concepts, techniques, and the counseling relationship. Students will practice effective communication skills for use in counseling.

Prerequisite: Upper class standing or permission of the instructor.

351 Professional Internship in Psychological Services

3 Hrs.

Placement in a local agency for supervised experience in programs stressing psychological services. Possible service areas include mental health, mental retardation, juvenile delinquency, drug abuse, assessment, and psychological aspects of music therapy and art therapy. Evaluation of experiences and related readings in weekly seminars.

Admission by permission of instructor. May be repeated once. Credit received for the repetition may not be applied to a major in psychology.

Two hours seminar and seven hours field work a week.

352 Topics in Psychology

3 Hrs.

Intensive consideration of a problem in psychology. The topic for the course will vary from term to term.

Prerequisite: Sophomore status or above.

May be repeated with different subtitles. No more than three hours may be applied to a major in psychology.

401 Advanced General Psychology

3 Hrs.

Consideration of the major areas of psychology from classical positions through contemporary viewpoints.

412 Physiological Psychology

3 Hrs.

Introduction to the nervous system and internal environment and their effects upon behavior. Normal and abnormal conditions discussed with respect to sensation, learning, emotion, and motivation are considered.

413 Laboratory in Physiological Psychology

1 Hr.

Conducting experiments and laboratory exercises in areas of physiological psychology, including neuroanatomy, endocrine functions, brain stimulation, and drug effects.

Prerequisite or Corequisite: Psychology 412.

Three hours laboratory per week.

449, 450 Independent Research

1, 3 Hrs.

Opportunity for independent investigation of topics by means of reading and/or experimentation. First term is devoted to formulating the problem, determining its method of investigation, and compiling a bibliography; second term, to collecting the data and writing a report.

Prerequisite: Permission of the department; also, Psychology 449 is prerequisite to Psychology 450.

451 Seminar in Psychology

1, 2, or 3 Hrs.

Seminar dealing with areas of psychology not covered in the regularly scheduled courses such as personnel psychology and behavior modification. Admission by permission of instructor.

452 Directed Readings in Psychology

1, 2, or 3 Hrs.

Independent investigation of a topic through a program of directed readings; oral examination conducted by department members.

Admission by permission of instructor.

May be repeated.

Sociology

The department offers a curriculum designed to introduce the student to the systematic study of humans in interaction and the social causes and consequences of human behavior. Upper level courses afford the student the opportunity to explore specific areas within the discipline as well as acquired methodological and research skills.

Careers

A major in sociology provides the advantages and experience of traditional liberal arts education as well as an appropriate background for persons entering fields ranging from public health, business administration, social work and law to public relations, personnel services and urban planning. The acquisition of analytical and research skills may be utilized in varying situations such as program evaluation in human service organizations, management, and business related fields such as consumer research.

Information on career-oriented specializations such as demorgraphy, applied research, criminal justice, social work, and urban affairs is available from the department.

Major

Degree requirements: 27 credit hours in sociology including 203, 310, 315, 450, and six additional credit hours from among the following: political science, psychology, and economics (excluding Economics 205). Mathematics 206 and Computer Science 100 and 110 are required for a major in sociology.

Minor

Sociology 203 and fifteen additional hours, nine of which are to be selected from Sociology 394, 310, 313, 315, or 340.

Distributed Requirements

The requirement, Area V, may be met by Sociology 203. Sociology majors may not use sociology courses to fulfill Area V distributed requirements.

Prerequisite

Sociology 203 is prerequisite to all courses in the department, except Sociology 204 and 316.

203 Principles of Sociology

3 Hrs.

Basic concepts and principles of sociology; relationships and meaning of culture, society, personality, and interaction; analysis of group structure and social organization.

204 Social Issues and Problems

3 Hrs.

A sociological consideration of critical issues in contemporary society relating to individual deviation, social disorganization, and social change; emphasis on causal factors, societal response, and proposed solutions.

205 Social Work and Social Policy

3 Hrs.

The course deals in part with the evolution of social work and social philosophy and their relation to changing societal needs. It also focuses on current social problems and attempts to solve them at the national policy-making and community levels. Both theory and the practical problems of social work are stressed. The viewpoints of various social science disciplines (e.g., sociology, economics, political science) are considered.

300 Specialized Areas in Sociology

3 Hrs.

The topics for each term are included in the class schedule.

303 Social Psychology

3 Hrs.

Study of the behavior of the individual in society, including attitude formation and measurement, interpersonal perceptions, and behavior of the individual in groups.

Prerequisite: Psychology 201.

NOTE: Students may elect this course as Psychology 303.

304 Marriage and Family

3 Hrs.

A study of the family as a social institution; types of family life; changing familial roles in contemporary society.

Prerequisite: Upperclass standing or permission of the instructor.

310 Contemporary Sociological Theory

3 Hrs.

Development of social thought as reflected in the works of major theorists, with emphasis on influential contributions to the development of modern sociology.

Prerequisite: Six credit hours of sociology.

312 Complex Organizations

3 Hrs.

Designed to acquaint student with the concepts,theories, and research methods appropriate to organizational sociology. Particular attention is given to the consequences of differential structures for human behavior.

NOTE: Students may elect this course as Business 312.

313 Cultural Anthropology

3 Hrs.

Comparative study of culture with emphasis on preliterate societies; past and present variation of man and culture. Factors in stability and change and relation of culture to personality.

315 Methods of Sociological Inquiry

3 Hrs.

The scientific method applied to social phenomena; methodological orientations in sociology; research procedures; techniques for collecting data; measuring social variables; and interpreting research findings.

Prerequisite: Sociology 203 and Mathematics 206.

316 Women in Society

3 Hrs.

An analysis of the female in regard to sex role stereotyping through an examination of the status of women, cross cultural role differences, and the dynamics of the socialization process.

318 Criminology

3 Hrs.

An examination of the extent, distribution, and character of crime and delinquency with emphasis on sociological theory research on causation, prediction, and prevention, analysis of the consequences of variable social reactions to crime.

Prerequisite: Sociology 203.

320 Population

3 Hrs.

An analysis of human behavioral patterns, values, and ideologies that are relevant to the number, distribution, and composition of populations including an examination of the inter-relationships of the components of population analysis; fertility, mortality,and migration.

Prerequisite: Sociology 203 or permission of the instructor.

325 Urban Sociology

3 Hrs.

A study of the genesis, growth, and spatial patterns of cities including an analysis of distribution and function of metropolises from an ecological perspective. Attention is also given to contemporary urban problems.

Prerequisite: Sociology 203.

330 Directed Individual Study

1-3 Hrs.

Independent reading and investigation of the literature relevant to a specific topic or area in sociology. Open to juniors, seniors and others with permission of the instructor.

340 Social Stratification

3 Hrs.

An examination of systems of social stratification; theoretical perspectives on stratification and differentiation; the interaction of class, status, and power; consequences of class differences in modern America.

Prerequisite: Sociology 203.

351 Professional Internship in Sociology

3 Hrs.

Field experience in application of sociological data, theory, and methods in selected agencies and organizations. May be repeated once. Open primarily to junior and senior majors. Permission of instructor required.

394 The Black Minority in American Society

3 Hrs.

A socio-historical study of minority group relations emphasizing key periods and issues in the history of the Afro-American—the problems faced, the responses made, and the consequences and significance of this heritage for both blacks and whites.

NOTE: Students may elect this course as History 394.

450 Senior Seminar

3 Hrs.

Discussion and analysis of the relationship between sociological theory and research. Within an area of theoretical interest the student proposes a study design and subsequently completes the proposed project.

Prerequisites: Sociology 310 and 315; Computer Science 100 and 110.

452 Independent Research

1-3 Hrs.

Independent research and study of approved problems or projects. Opportunity of specific additional application of research method skills. Open to senior sociology students.

Prerequisite: Sociology 450 and permission of instructor.

Special Programs

Women's Leadership Program

The Women's Leadership Program is a series of leadership and management experiences for the Queens student, offered during the January Term. The program includes workshops, seminars and experience designed to develop leadership skills. The focus of the program is to develop Queens graduates who are motivated and confident.

Students are required to have two units of leadership credit in order to graduate from Queens College. These credits are normally taken during the January Term of the freshman and sophomore years.

Operation Enterprise

Operation Enterprise is an experience in the activity of leadership, professional management and organizational dynamics. Through direct involvement with leading practitioners from diverse fields of management, Operation Enterprise students learn concepts, skills and techniques applicable to management in such areas as government, labor, politics and business enterprise. The course is created and staffed by the American Management Association and is specifically designed for women. Juniors and seniors are selected for participation in this program.

Internships

Queens College affirms its support of properly planned and supervised internships as useful and desirable educational experiences for its students. The college defines internships as out-of-class work experiences which use skills and theories learned in classroom settings.

Internships are of two types: exploratory internships and professional internships. The exploratory internship enables a student to gain knowledge in an area in which she may have an interest and to explore areas in which she may wish to develop a career. The student may earn a maximum of six hours credit toward graduation requirements through exploratory internships. The professional internships are listed as catalog courses and encompass field placement courses, major internships, student teaching programs and practica. These internships are an integral part of the academic program and are limited only by the requirements of a given major as described in the catalog.

To be eligible for internships students should have the academic preparation necessary as a basis for such experiences. Generally, internships are restricted to upperclassmen; however, freshmen and sophomores with unusual backgrounds in or strong motivation for such work experiences are not excluded from participating in internships. The guidelines for internships available in the office of Dean of the College of Arts and Sciences describe in detail both qualifications and procedures for these experiences. The student and her advisers are responsible for following these guidelines.

The student and faculty adviser plan an internship using as resources the career center and faculty internship advisers. The adviser reports a grade and serves as a contact person on-campus for the intern and the off-campus project supervisor.

On-Campus Summer Programs

Queens offers a summer program consisting of two three-week terms held during May and June. Students choose from a listing of catalog courses or may arrange independent studies or internships.

Charlotte Area Educational Consortium

Queens participates in the Charlotte Area Educational Consortium, which includes 11 public and private colleges and universities in and near Charlotte. Through the consortium the resources of all participating institutions are available to Queens students who, if qualified, may enroll at one of the other colleges in any course not offered at Queens and receive full credit toward the Queens degree without the payment of additional fees.

Exchange Program with Davidson College

Queens College participates in a cooperative program of junior year exchange with Davidson College. Students at either college may elect to take the junior year at the other upon the recommendation of the college where the student is a degree candidate and the concurrence of the college where the student plans to study during the junior year. Recommendations are based on the demonstrated academic ability of the applicant, the approval of the proposed course of study, and the availability of space in particular courses or departments.

Students participating in the exchange are considered degree candidates at the college of original enrollment and are expected to return to that campus at the conclusion of the year. While participating in the exchange, students enjoy all the privileges and assume all the responsibilities of regular students at the host institution.

Queens at Oxford Program

Queens College participates in a cooperative program of exchange with Warnborough House College, a private British college of higher education which is organized and administered by academics trained in the British educational system and located in Oxford, England.

Degree candidates at Queens College in good academic standing and with permission from both institutions may elect to study at Warnborough House College in any segment of the academic year up to a full academic year. First term freshmen are not allowed to participate. Final term seniors are not encouraged to participate. Likewise, Queens College is used by women students from Warnborough House College.

While participating in the exchange, students enjoy all the privileges and assume all the responsibilities of regular students at the host institution. Fees are payable to the host institution.

Government Internship Program

Queens College students may choose to participate in a government internship program designed to provide an understanding of practical politics as well as an introduction to government employment. The Queens program is based upon cooperation with existing programs sponsored by or with local, state, or national government institutions. There are also major efforts made to arrange individual internships outside these programs that may be tailored to the special needs or interests of a particular student.

Some of the internship opportunities involve stipends which may be used to defray the costs of the internship to the student.

Students who enroll for internships should have a sound background in the social sciences as well as upperclass standing. Students who do not meet these qualifications are not prohibited from participating, but the type of internship for which they may qualify may be limited.

Washington Seminar

Through a cooperative arrangement with the American University, two Queens students annually may spend one term in Washington, D.C., studying American national government. The study is carried out through a seminar of the student's own choosing, an individual research project, and regular courses at the American University. Applicants must have completed Political Science 201 and have a quality point average of 2.600 or above. Application should be made through the department of political science.

Cooperative Program With Presbyterian Hospital School of Nursing

The Presbyterian Hospital School of Nursing in Charlotte and Queens College have a cooperative arrangement under which the college provides basic academic instruction to students enrolled in the hospital's three-year Diploma Program for Nurses. Students in this program live at the hospital nursing school and take courses for academic credit at Queens during their first year. College credit hours earned at Queens in this program are transferable. Participants in this program are eligible to become Registered Nurses when they have been graduated from the Presbyterian Hospital School of Nursing and upon satisfactory completion of the state board examination. Interested applicants should write the Director, School of Nursing, Presbyterian Hospital School of Nursing, P.O. Box 10157, Charlotte, North Carolina 28237.

Triangle Universities Computer Center

As a member of the North Carolina Educational Computing Service, Queens provides its students and faculty with the computer resources of the Triangle Universities Computer Center by remote terminal.

International Education

During the regular academic year, qualified students with at least a C average may study abroad under selected programs. The Foreign Student Adviser, in cooperation with the Dean of the College of Arts and Sciences and the major adviser, must give prior approval to each applicant and each program.

The one-term program of the Experiment in International Living permits a student to earn as many as nine credit hours in various European countries, India, or Ghana; or as many as 12 credit hours if an independent study project is completed.

Queens also participates in the Association of United Colleges for Foreign Exchange and Study which provides Junior Year Programs in Strasbourg, France; Heidelberg, Germany; Lancaster, England; and at the London School of Economics.

New College at Queens

Queens College provides for women and men of the community an undergraduate program of courses scheduled during the evening and weekend hours. The New College offers majors in business administration, English and psychology. Complete information is available in the Office of Admissions.

The Graduate School at Queens

The Graduate School presently offers a Master of Business Administration program. Complete information is available in the Office of Admissions.

Early Learning Center

The Early Learning Center, the laboratory kindergarten of the Education Department, provides experiences for a small group of children and opportunity for Queens students to observe and work with these children.

The Queens Conservatory

The Queens Conservatory, a division of the Queens College Music Department, provides study and performance opportunities in music for members of the Charlotte community. The faculty of the Conservatory are either full-time Queens College instructors, members of the Charlotte Symphony Orchestra, or others employed for specific expertise in an area of music.

Queens Institute for Lifelong Learning

Queens College sponsors a variety of programs in non-credit continuing education, recognizing that educational opportunities should be available to members of the community who wish to continue study or to develop particular interests. Many Institute courses, conferences, and seminars are tailored for specialized groups in business, industry, and the professions, thus enabling members of these groups to continue their education either at the college or at their place of employment. Examples of curricula available to these groups are: management, supervision, communications, professionalism, planning, and evaluation.

The Institute also offers career oriented programs to serve the students beginning first careers or those changing careers. These are designed to enable students to make more comfortable transitions and include such curricula areas as: time and stress management, career planning, resume writing, comprehensive clerical office training, word processing.

Queens Institute for Lifelong Learning also serves the alumnae and Queens community with a varied curriculum in the liberal arts. Pre-college students are served with such courses as SAT Review, CLEP preparation courses, and writing workshops. Children aged 2 through 17 are involved in gymnastics, ballet and art.

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(Sally O'Rourke, 1966)
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(Adelaide Anderson, 1961)
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Office of the President

Billy O. Wireman
President and Professor of Management and Education
A.B., Georgetown College; M.A., University of Kentucky; Ed.D., Peabody College of Vanderbilt University; L.H.D., Eckerd College; L.H.D., University of Tampa; Post-Doctoral Study, Harvard University

Evelyn S. Deal
Executive Secretary to the President

Office of Admissions

Eugenia H. Burton
Director of Admissions
B.A., Queens College

Alison J. Culp
Admissions Counselor
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Susan K. Jones
Admissions Counselor
B.A., Converse College

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Assistant Director of Admissions, New Dimensions
B.A., Lynchburg College; M.S., Bucknell University

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B.A., Randolph-Macon Woman's College

Margaret McN. Curtis
Assistant to the Director
B.A., Queens College

Academic Affairs

Cynthia H. Tyson
Vice President for Academic Affairs and Professor of English
B.A., M.A., Ph.D., University of Leeds (England); Post-Doctoral Study, Harvard University

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Administrative Assistant to the Vice President
B.A., Pfeiffer College

William A. Thompson
Assistant Dean of the College of Arts and Sciences and Associate Professor of History
A.B., Davidson College; M.A., Ph.D., Vanderbilt University

Virginia R. Elliott
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Secretary to the Music Department
B.A., Vassar College

Office of the Registrar

Eleanor Lloyd Jenkins
Registrar and Associate Professor of Mathematics
B.A., Queens College, M.A., University of North Carolina at Chapel Hill

Joan S. Oviatt
Assistant to the Registrar
B.A., Queens College

Rita L. Stone
Assistant to the Registrar
B.M., Queens College

Everett Library

Stewart Lillard
Administrative Librarian and Assistant Professor of English
B.A., Davidson College; M.A., University of Tennessee; M.L.S., George Peabody College

Mary P. Raines
Cataloging Librarian
A.B., High Point College; B.S.L.S., University of North Carolina at Chapel Hill

Suzanne S. Davis
Public Services and Documents Librarian
A.B., University of Oklahoma; M.L.S., University of Illinois

Paul C. Porterfield
Director of Instructional Media Center
A.B., Roanoke College; M.S.L.S., Atlanta University; Ed. Spec., Georgia State University

William Lee Gragg II
Assistant Public Services Librarian
A.B., Hamilton College; *Certificat pratique de langue francaise*, University of Paris; M.A., M.S.L.S., University of North Carolina at Chapel Hill

Katherine I. Jenkins
Book Order Specialist

Colleen Turnage
Cataloging Assistant
B.A., Queens College

Queens Career Center

Mattie Gay Kissiah
Director of the Career Center and Lecturer in Psychology (Leave of Absence, 1981-82)
B.A., Queens College; M.Ed., University of South Carolina

Jane Spangler Poe
Acting Director of Career Center (1981 - 82)
B.A., University of North Carolina at Chapel Hill; M.Ed., University of North Carolina at Charlotte

Robin Deans Terry
Secretary
B.S., Longwood College

Chaplain

E. Elizabeth Johnson
Chaplain and Lecturer in Humanities
B.G.S., Ohio University; M.Div., Princeton Theological Seminary; M.A., Yale University; Ordained, Presbyterian Church in the United States

Graduate School and New College at Queens

Clyda S. Rent
Dean of the Graduate School and the New College at Queens, and Professor of Business Administration and Sociology
B.A., M.S., Ph.D., Florida State University; Post-Doctoral Study, Harvard University

Abigail Justis Boggs
Coordinator of the New College
B.A., Randolph Macon Woman's College; M.Ed., Texas Women's University

Robert L. Finley
Coordinator of the MBA Program
B.B.A., M.A., Ph.D., University of Oklahoma

Esther McGarity
Administrative Assistant / Secretary

Institute for Lifelong Learning

Peter Meyer
Executive Director of Queens Institute for Lifeong Learning and Professor of Education
B.A., M.S., Ph.D., New York University

Rosemary C. Mollura
Assistant Director of the Queens Institute for Lifelong Learning

Emma R. Quinn
Coordinator
B.G.S., Queens College

Early Learning Center

Jane Galloway Walkup
Director
B.S., George Peabody College for Teachers

Deborah Nipe
Assistant Teacher
B.A., Presbyterian College

Jean Lawrence
Assistant Teacher
Teaching Certificate, Sheffield University (England)

Development

Alan W. Lee
Vice President for Development and College Relations
B.A., Washington and Lee University; M.Ed., University of North Carolina at Charlotte

Ray McCorkle
Secretary to the Vice President

Betty Chafin
Director of Corporate Relations
B.A., Greensboro College; M.P.A., University of North Carolina at Chapel Hill

Beth Resler
Director of Communications
B.A., University of Oklahoma

Ann M. Matthews
Communications Assistant
B.A., University of North Carolina at Chapel Hill

Office of Alumnae Affairs

Judy Napier Page
Alumnae Director
B.A., Queens College

Susan Durham
Secretary

Business Management

Business Office

Dennis W. Frodsham
Vice President for Finance and Planning
B.A., Princeton University; M.B.A., University of Chicago

Laurie S. Guy
Business Manager and Controller
B.S., University of North Carolina at Greensboro

Cam Lucas
Coordinator of Special Events and Personnel
B.A., University of North Carolina at Chapel Hill

Karen French
Bookkeeping Supervisor

Karen Ragan
Assistant Bookkeeper

Dorothy A. Wentz
Cashier

Kathy Fesperman
Switchboard Operator / Receptionist
B.A., Queens College

Maintenance

David Zeeso
Physical Plant Director
B.S.E.E., Illinois Institute of Technology; M.A., Columbia University

John Mizelle
Supervisor

Johnny L. Brown
Supervisor

Viola Holland
Secretary / Clerk

Post Office

Gerald A. Palmer
Clerk
Campus Post Office

Department of Public Safety

Sarah L. Minnis
Director of Public Safety
B.A., Appalachian State University

Mary L. Rollings
Lieutenant
Crime Prevention Officer

Neil D. Ray
Corporal
Field Training Officer

Theresa K. Swanson
Public Safety Officer
B.A., University of Nebraska

Steven B. Rigdon
Public Safety Officer

Rodger Brock
Patrolman

Curtis B. Hill
Patrolman

Dining Hall and Book Store

Fred Formichella
Director
Saga Food Service

Barbara L. Knowles
Saga Supervisor

M'Lou Greene
Saga Book Store Manager
B.A., Queens College

Donna Trask
Secretary
Saga Food Service

Student Services

Office of Student Affairs

Sidney Kerr
Dean of Student Affairs
B.A., Agnes Scott College; M.Ed., Georgia State University

Terryl Merolla Mills
Director of Residence Life
B.A., University of North Carolina at Charlotte; M.S., Indiana University

Amy Alexis James
Activities Coordinator
B.A., Wake Forest University

Abigail Stuckey Saxon
Secretary

Resident Directors

D. Channing Johnson
Barnhardt Residence Hall
B.A., University of North Carolina at Charlotte

Olinda Wilson
Albright Residence Hall

Terryl Merolla Mills
Harris Residence Hall

Amy A. James
Wallace Residence Hall

Resident Assistants

Carol Baist
Edith Busbee
Belk Residence Hall

Babette Davis
Allison Forsythe
Miriam Hand
Deborah Rodgers
Jan Whitesell
Harris Residence Hall

Kimberly Schrum
Long Residence Hall

Julie Dunn
Patricia Gammage
Joy Greenway
Wallace Residence Hall

Health Services

Virginia Cartlidge, R.N.
Head Nurse

Edith S. Irons
Counseling Consultant
B.A., Hobart and William Smith College, Ed.D., University of Massachusetts in Amherst, Clinical Training, Gestalt Center for Psychotherapy and Training

Wilma Wachowiak, F.N.P.
Nurse Practitioner

Faculty

Date following name and title indicates year of appointment.

* Part-Time
** Leave of Absence

Ronald J. Basini
Assistant Professor of Business 1977
B.S., M.B.A., Murray State University

*Daniel C. Biber
Lecturer in Psychology 1976
B.A., Columbia University; Ph.D., University of North Carolina at Chapel Hill

*Rosalie Bryant
Lecturer in Physical Education 1974
B.S., Winthrop College; M.Ed., University of North Carolina at Chapel Hill

**Helen G. Cappleman
Assistant Professor of Education 1979
A.B., University of North Carolina at Chapel Hill; M.Ed., Duke University

Susan S. Carley
Assistant Professor of Sociology 1979
B.A., Louisiana State University

*Carolyn Carpenter
Lecturer in Nursing 1981
Diploma in Nursing, Presbyterian Hospital School of Nursing; B.A., Limestone College; M.S.N., University of North Carolina at Chapel Hill

*Larry W. Carroll
Lecturer in Business 1980
B.S., Austin Peay State University; M.B.A., University of Tennessee

*Elisabeth H. Chapman
Lecturer in English 1977
B.A., Queens College

Florapearl Cobey
Assistant Professor of Chemistry 1976
B.S., University of Tennessee at Chattanooga; Ph.D., Duke University

Richard F. Crown
Associate Professor of Art 1971
B.A., New York University; M.A., Indiana University; M.F.A., University of Massachusetts

**Mollie C. Davis
Associate Professor of History 1972
A.B., Hollins College; M.A.T., Emory University; Ph.D., University of Georgia

Suzanne S. Davis
Public Services and Documents Librarian 1969
A.B., University of Oklahoma; M.L.S., University of Illinois

Gordon D. Duncan
Professor of Chemistry and Nuclear Medical Technology 1966
B.S., North Carolina State University at Raleigh; Ph.D., Cornell University

**Nancy Eagle Duncan
Dana Professor of Music 1950
B.S.M., University of North Carolina at Greensboro; M.A., University of North Carolina at Chapel Hill

*Edward J. Easton, Jr.
Lecturer in Nuclear Medical Technology 1977
A.B., Boston College; M.D., Tufts Medical School; Diplomate, American Board of Nuclear Medicine, American Board of Radiology.

Jack H. Fehon
Dana Professor of Biology 1956
B.A., M.S., University of Florida, Ph.D., Florida State University

Robert L. Finley
Associate Professor of Finance and Economics; Coordinator of the MBA Program
B.B.A., M.A., Ph.D., University of Oklahoma

*Garrien Michael Floyd
Lecturer in Nuclear Medical Technology 1976
Registered Radiological Technologist, Memorial Mission Hospital; Registered Nuclear Medical Technologist, Bowman Gray School of Medicine

*Carolyn Foster
Lecturer in Nursing 1981
B.S.N., University of North Carolina at Chapel Hill; M.A., Wake Forest University

Carol P. Fray
Associate Professor of Nursing 1979
A.B., Hunter College; B.S., Cornell University; M.A., Teachers College, Columbia University

David A. Freeman
Assistant Professor of Political Science and Philosophy 1980
B.A., University of Kentucky; M.A., Eastern Kentucky University; Ph.D., Claremont Graduate School

*Elaine A. Gaertner
Lecturer in Music and Director of the Queens Conservatory 1979
B.S., Indiana University of Pennsylvania

*Frye Gaillard
Mary Duke Biddle Visiting Writer in Residence 1980
B.A., Vanderbilt University

Richard Goode
Assistant Professor of English 1978
B.A., Washington and Lee University; M.A., Ph.D., University of Texas at Austin

*Noel Goodman
Lecturer in Physical Education 1978
Boston Conservatory; Advanced Teaching Certificate, Cecchetti Council of America

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Assistant Public Services Librarian
A.B., Hamilton College; *Certificat pratique-de langue francaise,* University of Paris; M.A., M.S.L.S., University of North Carolina at Chapel Hill

Charles O. Hadley
Professor of English 1955
A.B., Davidson College; M.A., University of North Carolina at Chapel Hill; Ph.D., University of Georgia

Jane H. Hadley
Instructor of English (Drama)
B.A., Incarnate Word College; M.F.A., University of Georgia

Barbara E. Harmeyer
Assistant Professor of Art 1978
B.F.A., University of Utah; M.A., Murray State University; M.F.A., Pratt Institute

***Winslow H. Hartford**
Adjunct Professor of Environmental Science 1981
A.B., Boston University; B.S., Ph.D., Massachusetts Institute of Technology

***Karen Hauersperger**
Lecturer in Nursing 1981
B.S., Iowa State University; M.S., Winthrop College

Diane Ketchie Irgens
Instructor of Music
B.M., Oberlin Conservatory of Music; M.M., University of Illinois at Urbana; American Institute of Musical Studies, Graz, Austria; Hochschule Für Musik, München, Germany

W. Jeffrey Irgens
Instructor of Music 1980
B.M., Oberlin Conservatory of Music; M.M., University of Illinois

Madeleine B. Jacobs
Assistant Professor of Foreign Languages (French) 1977
B.A., University of Central Florida; M.A., University of South Florida, Ph.D., Florida State University

Rebecca C. Jann
Assistant Professor of Biology 1978
B.A., Catawba College; Ph.D., Wake Forest University

Eleanor Lloyd Jenkins
Associate Professor of Mathematics and Registrar 1941
B.A., Queens College; M.A., University of North Carolina at Chapel Hill

***E. Elizabeth Johnson**
Lecturer in Humanities and Chaplain 1979
B.G.S., Ohio University; M.Div., Princeton Theological Seminary; M.A., Yale University; Ordained, Presbyterian Church in the United States

***Kirk S. Johnson**
Lecturer in Nuclear Medical Technology 1977
B.S., Wilmington Medical College; B.S., University of Delaware; Certified, American Society of Clinical Pathology

Carolyn M. Jones
Associate Professor and Director of Nursing 1980
B.S.N., Mount Saint Agnes College; M.S. in Nursing, University of Maryland

Marjorie T. Kirby
Z. Smith Reynolds Professor of Foreign Languages (Spanish) 1962
A.B., Birmingham-Southern College; M.A., Ph.D., University of North Carolina at Chapel Hill

Joseph E. Lammers
Professor of Music (Piano) 1962
B.Mus., University of Alabama, M.Mus., Ph.D., Florida State University

W. Greg Lanier
Associate Professor of Psychology 1968
A.B., Duke University; M.A., Kent State University; Ph.D., Emory University

Stewart Lillard
Assistant Professor of English and Administrative Librarian 1978
B.A., Davidson College; M.A., University of Tennessee; M.L.S., George Peabody College

***Charles E. Lloyd**
Lecturer in English 1980
B.A., M.A., University of North Carolina at Chapel Hill

***Albert A. Maisto**
Lecturer in Psychology 1980
B.A., Murray State University; M.A., Ph.D., University of Alabama

Virginia L. Martin
Professor of Biology 1966
B.S., Wake Forest University; M.S., Ph.D., Emory University

Emory H. Mason, Jr.
Associate Professor of Education and Director of Teacher Education Programs 1965
A.B., Catawba College; M.A., Appalachian State University; Ed.D., Duke University

Martha C. McCormick
Assistant Professor of Mathematics and Computer Science 1981
B.S., Auburn University; M.S., Wright State University; M.S., Central Missouri State University

Micheal B. McCormick
Associate Professor of Business Administration 1981
B.S., University of Oregon; M.B.A., Ph.D., University of Missouri-Columbia

Lawrence E. Merenstein
Assistant Professor of Art 1979
B.A., Alfred University; M.F.A., Pratt Institute

Paul B. Newman
Professor of English 1963
B.S., M.A., Ph.D., University of Chicago; M.F.A., University of Iowa

Paul Arlyn Nitsch
Assistant Professor of Music 1977
B.Mus., M.Mus., Peabody Conservatory of Music

Jimmie C. Oates
Professor of Physics 1962
B.S., Memphis State University; M.S., Ph.D., Vanderbilt University

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Assistant Professor of Art 1976
B.A., M.A., San Francisco State College; M.A., Ph.D., State University of New York at Binghamton

Phyllis A. Pharr
Associate Professor of Physical Education 1964
B.S., Appalachian State University; M.Ed., University of North Carolina at Chapel Hill

Paul C. Porterfield
Assistant Professor of Education and Director of the Instructional Media Center 1979
A.B., Roanoke College; M.S.L.S., Atlanta University; Ed.S., Georgia State University

Norris W. Preyer
Dana Professor of History 1957
A.B., University of North Carolina at Chapel Hill; M.A., Ph.D., University of Virginia

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Assistant Professor of Mathematics 1980
B.S., Purdue University; M.S., Ph.D., Michigan State University

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Cataloging Librarian 1962
A.B., High Point College; B.S.L.S., University of North Carolina at Chapel Hill

Clyda S. Rent
Professor of Business Administration and Sociology, Dean of Graduate School and New College at Queens 1972
B.A., M.S., Ph.D., Florida State University; Post-Doctoral Study, Harvard University

*Earle D. Roberts
Lecturer in Religion 1974
B.E.E., Clemson University, B.D., M.T., Union Theological Seminary

*William James Root
Lecturer in Nuclear Medical Technology 1977
B.S., St. Johns University; M.S., Emory University

*Dorothy L. Ross
Lecturer in Sociology 1981
A.B., University of Miami; M.A., University of Pennsylvania

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Assistant Professor of Business and Economics 1980
B.A., Davidson College; M.A., Duke University; Ph.D., Georgia State University

*Stuart C. Schwartz
Lecturer in History 1976
A.B., Rutgers University

*Whitney R. Shaw
Lecturer in Journalism 1977
B.A., Wake Forest University; M.A., University of North Carolina at Chapel Hill

Joyce H. Shealy
Dana Professor of Psychology 1959
A.B., M.A., University of South Carolina; M.A., Ohio State University; Ph.D., University of North Carolina at Chapel Hill

Aleo G. Sica
Associate Professor of Music (Violin) 1969
B.Mus., B.Mus.Ed., College of Wooster; M.Mus.Ed., Virginia Commonwealth University

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Assistant Professor of Education 1962
A.B., M.A., East Carolina University

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Dana Professor of Music (Piano) 1955
B.S., Miami University (Oxford, Ohio); B.Mus., M.Mus., Cincinnati Conservatory; D.F.A., Chicago Musical College

*Robert Eugene Stigall
Lecturer in Music (Organ) and College Organist 1973
B.Mus., Syracuse University; M.S.M., Union Theological Seminary

William A. Thompson
Associate Professor of History and Assistant Dean of the College of Arts and Sciences 1975
A.B., Davidson College; M.A., Ph.D., Vanderbilt University

Elizabeth H. Turner
Instructor of History 1978
B.A., University of Redlands, CA; M.A., East Texas State University

William N. Turpin
Professor of Business and Economics 1980
B.A., Dartmouth College; A.B., M.A., Oxford University (England); Rhodes Scholar; Ph. D., George Washington University

Cynthia H. Tyson
Professor of English and Vice President for Academic Affairs 1969
B.A., M.A., Ph.D., University of Leeds (England); Post-Doctoral Study, Harvard University

Sarah M. West
Assistant Professor of Business 1952
B.S., Winthrop College; M.R.E., Woman's Missionary Training School (Louisville)

Olinda F. Wilson
Instructor of Music Therapy and Resident Director, Albright Residence Hall 1981
B.M., William Carey College; M.A., Ball State University

Billy O. Wireman
Professor of Management and Education and President of the College 1978
A.B., Georgetown College; M.A., University of Kentucky; Ed.D., Peabody College of Vanderbilt University; L.H.D., Eckerd College; L.H.D., University of Tampa; Post-Doctoral Study, Harvard University

Karen J. Zapata
Assistant Professor of Business 1978
B.A., B.S., University of North Carolina at Chapel Hill; Certified Public Accountant; M.B.A., Winthrop College

Professors Emeriti

Thelma Albright
Associate Professor Emeritus of English
A.B., Greensboro College; M.A., Duke University; L.H.D., Queens College

Charles E. Brewer, Jr.
Associate Professor Emeritus of Economics
A.B., Princeton University

Roberta T. S. Chalmers
Associate Professor Emeritus of English
A.B., D.Litt., Mount Holyoke College; M.A., Radcliffe College; B.Litt., Oxford University (England); D.Litt., Kenyon College

Sarah Irene Dunlap
Assistant Professor Emeritus of Home Economics
B.S., M.A., Winthrop College

Ann S. Gebhardt
Professor Emeritus of Art 1953
B.F.A., M.A., Ohio State University

Hughes B. Hoyle, Jr.
Professor Emeritus of Mathematics
A.B., M.A., Ph.D., University of North Carolina at Chapel Hill

Albert R. May
Professor Emeritus of Music (Voice)
Boston University of Music; Juilliard School of Music

Mildred Morse McEwen
Professor Emeritus of Chemistry
B.A., Queens College; A.B., M.A., Ph.D., University of North Carolina at Chapel Hill

Mildred L. Miscally
Assistant Professor Emeritus of Journalism
A.B., M.A., University of Georgia

Sarah McKee Nooe
Professor Emeritus of Biology
B.S., Meredith College; M.A., Columbia University

Caroline Gordon Richardson
Assistant Professor of Foreign Languages (French)
A.B., Winthrop College; M.A., University of South Carolina

George A. Shealy
Professor Emeritus of Art
Indiana University; Chicago Art Institute; Bell School of Art; Oxbow School of Painting

Mary Lee Taylor
Associate Professor Emeritus of Religion
A.B., Salem College; M.R.E., The Biblical Seminary, New York

Laura A. Tillett
Professor Emeritus of English
A.B., Duke University; M.A., Columbia University

Degrees Conferred 1981

Bachelor of Arts

Cheryl Lynn Allee
magna cum laude
Stephanie Elizabeth Ayers
Kathryn McKenzie Bean
Judith Anna Body
DeAnna Lynnette Bryant
Nancy Crenshaw Carriker
Leslie Beason Clayton
summa cum laude
Christine Marie Collins
summa cum laude
Jada Colville
Deborah Lynn Correll
Elizabeth Clifton Crouch
Helen Stuart Dowling
Emily Rose Elyea
summa cum laude
Sherry Lynne Gibson
Mary Katherine Kirkpatrick Gill
Dana Gayle Gillespie
Marsha Lynn Goodenow
Kathy Franklin Griffin
Margaret Smith Horne
Mary Louise Hunley
Andrea Lucille King
Morn Ellen Lindsay
cum laude
Phyllis Yvette Martin
Marjorie Devereux Mays
Elizabeth Louetta McCrary
with Honors Thesis
Jane Ellen McKinnon
Mary Catherine Mercer
cum laude
Carol Elizabeth Meyer
Charlene Kay Miller
Teresa Renee Mittenzwei
Nan Elizabeth Noftsinger
Marian DeLaine Perry
Rosemary Pfeiffer
summa cum laude
Malinda Claire Posey
Karen Rhea Price
Tamea Olivia Greer Price
Wendy Marsha Price
Louise Lucille Smith
Pinkie Warden Smith
Sara Eugenia Spivey
Deborah Elaine Springfield
Karen Ann Stenger
Rumiko Kunkle Tilley
cum laude
Roberta Somerville Tonissen
Anne Elisabeth Tope
Lynn Ernest Trueman
Carla Olivia Van Cleave
Sherree Russell Welch
Susan Jayne Westphal
Waltrina Morrietta White
Sarah Isabelle Whitehurst

Bachelor of Music

Brenda Ethel Bowers
Mary Simmons Johnson
Susan Nance Pierce

Bachelor of Science

Cherie-Lynn Newbold MacLaughlin
summa cum laude
Carolyn Gayle Mercer
cum laude
Debra Ann Seuntjens
cum laude

Bachelor of General Studies

Audrey Hyde Gatewood
summa cum laude
Donna Rae Crago Stark
summa cum laude

Candidates for Degrees Summer 1981

Bachelor of Arts

Margaret Elisabeth Douglas
Donna Hanson Gillespie
Cynthia Lynne Kelly
Sandra Lynn McGlashan
Janice Robertson Shaver
Sandra Maria Smoak
Cheryl Overcash Thompson

Bachelor of Music

Denise Ann Murray

Bachelor of Science

Barbara Joyce Power

Bachelor of General Studies

Camilla Gail Russell

Honors and Awards

Marshals

Jane Bailey Graham
Chief Marshal
Donna Marie Breeden
Miriam Elizabeth Hand
Beth Marrene Hays
Julie Renae Hillman
Sally Susan Shearer
Sarah Claire Shinault
Cynthia Marceil Spraker
Cynthia Michelle Tise
Elizabeth Baxter Wood

Algernon Sydney Sullivan Awards

Cherie-Lynn Newbold MacLaughlin
Mildred Morse McEwen

Faculty Teaching Award

Richard Goode

Presidential Scholars 1981-82

Brenda Faye Allen
Nancy Kathleen Carson
Lisa Moore Culley
Deborah Jean Dalton
Tippi Anne Faucette
Donna Jean Gordon
Lisa Anne Hatcher
Rebecca Snow Reagan
Karen Ruth Richardson
Irene Vaughan Zurek

Dana Scholars

Class of 1982

Cynthia Ann Cline
Miriam Elizabeth Hand
Pamela Susan Heinig
Debra Jane Knoespel
Peggy Melissa Patrick
Miriam Sue Patton
Audrey Sue Petty

Class of 1983

Terri Armstrong Dunlap
Patricia Elizabeth Gammage
Donna Ruth Gardner
Alisa Anne Jenkins
Deborah Lea Rodgers
Marilyn Kay Spinner
Elizabeth Baxter Wood
Yolanda Kay Yoder
Margaret Thomas Kelso
Kathryn Aline Mahan

Class of 1984

Rebecca Ann Garity
Vivian Marie Hare
Yew See Lim
Susan Elaine Tate
Jacqueline Arnita Tatum
Kathryn Yvonne Tesh
Eloise Renee Woods
Julie Renee Hillman

Named Scholarships

A number of scholarships are made available to Queens students through friends of the college. These scholarships are awarded on the basis of financial need, and vary in amounts depending on the need of the recipient. Endowed scholarships include the following funds:

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Elizabeth Blair Memorial
Dorothy Brown
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Mr. and Mrs. Martin L. Cannon
Sally McAlister Carson
Clara H. Carswell
Charlotte-Mecklenburg Alumnae
The Charlotte Observer
The Charlotte Panhellenic Congress
Pattie Morris Cole
Ophelia Hartt Cranford
Katie Moore Rankin Cunningham
Mr. and Mrs. J. H. Cutter
Selene Hutchinson Dalton
Dalton-Hutchinson
Charles A. Dana
Day Student
Dorsett-Johnson

Eloise Butt Dowd
W. Carey Dowd, Jr.
Dr. and Mrs. R. A. Dunn
Efird Brothers
J. Lee Flowe and Addie Belk Flowe
The Frazer Foundation
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A.D.P. Gilmour
Jane Parks Grey
Jane Rea Grey
Lula Jane Grey
W. M. and Kate Cleveland Hagood
Harman Fund
Minnie Olive Harry
Betty Hutchison
C. E. Hutchison
Susan Nye Hutchison
Mr. and Mrs. J. B. Ivey
Jerry Jernigan Memorial
C. W. Johnston
Annabel Lambeth Jones
Lou Finch Jones
Emma Lilian Keigwin
Herbert F. Kincey
W. S. Lee Memorial
The Lethco Memorial
E. H. Little
Lily Long (Alumnae)
Joe and Emily Lowe
W. T. McCoy Memorial
Donald D. McNeill
Emma Gold McPheeters
Ettie Aydlett Minor
Kathreen M. Minor
W. T. Minor, Sr.
Mrs. Ben W. Montgomery
Charles E. Neisler Memorial
James and Betty Nisbet
Gertrude M. Norman
Mr. and Mrs. J. M. Oldham
Mr. and Mrs. David Ovens
Laura Janette Quattlebaum
Eloise Rankin
F. M. Redd and Bessie Flowe Redd
Abbie Tuttle Robinson
Mr. and Mrs. Frank O. Sherrill
Mr. and Mrs. J. Luther Snyder
Loma Squires
Worth Stewart
Charles H. and Clara McKay Stone
Mr. and Mrs. R. L. Stowe
W. Z. Stultz
J. D. Swinson
Isabelle W. Trexler
Uffort-Northrop
May Ervin Wall

In addition, each year a number of gifts and scholarships are given to Queens from individuals or groups such as:

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Robert C. and Sadie G. Anderson
Peachtree Presbyterian Church
Presser Foundation
Piedmont Club Foundation
Rodgers Builders
Oscar Lee & Rose Evans Miller
  Book Award
B. F. Ledford Piano School
Bertha Frey Foundation
Helen B. Rosser
Rosalie Cassels International
  Scholarship Fund
Josephine Moss Jones
Guild of Charlotte Artists
Charlotte Music Club
Charlotte Woman's Club
Guild of Charlotte Artists
Presbyterian Hospital

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The Campus

Queens College is located on a large wooded campus in the Myers Park area of Charlotte and is bounded by Selwyn, Radcliffe, and Wellesley Avenues. The Georgian buildings constructed in 1914 when the college was moved to this site have been extensively remodeled and continue in use. Their architectural motif of red brick with white trim has been incorporated in the more modern buildings.

Burwell Hall, 1914, is the focal point of the campus facing Selwyn Avenue. The building, in addition to housing the administrative offices, has parlors which serve as a spacious reception area for guests and social events. Robert Burwell served as president of the Charlotte Female Institute from 1857 to 1872; and his wife, Margaret Anna Burwell, was teacher and principal.

Everett Library, 1960, is the center of the campus facing Radcliffe Avenue. It honors Herschel Hill Everett and his wife, Cornelia Nisbett Everett. An open stack facility with conference rooms, lounges, student and faculty carrels, and microfilm equipment, the library houses the present collection of 100,000 volumes.

Belk Chapel, 1950, was a gift made to Queens by the families and associates of William Henry Belk and Dr. John M. Belk, in their honor. Greek revival in architecture, it is equipped with a 39 rank organ, seats 750, and is used for weekly chapel and for other religious services and meetings.

The *E. H. Little Fine Arts Center*, 1966, contains the Suzanne Trezevant Little Recital Hall, the Charles A. Dana Auditorium, studios, practice rooms, and classrooms for music and drama. Convocations, concerts, recitals, plays, and lectures are scheduled in the auditorium, which seats 1,000. Major donors of this facility were E. H. Little and Charles A. Dana.

The *Dana Classroom Building*, 1961, honors Charles A. Dana, a generous benefactor of Queens College, and contains a large lecture hall, a language laboratory, classrooms, and seminar offices designed for small, informal classes.

The *Walker Science Building*, 1966, with its laboratories, classrooms, and research facilities for biology, chemistry, and physics, honors Dr. and Mrs. Edwin R. Walker. He was Queens' former president and chancellor.

McEwen Hall, 1914, was renovated in 1967, to provide 20 spacious classrooms and a number of faculty offices. It is named for Dr. Mildred Morse McEwen, alumna and professor emeritus of chemistry.

Watkins Hall, 1914, is named after Miss Mildred C. Watkins, member of the faculty from 1895 to 1909. It was remodeled in 1952 and again in 1978; it now houses the art department and exhibition galleries.

Morrison Hall, 1927, is named for its donor, Mrs. Cameron Morrison, and includes a large dining hall, kitchen, auxiliary rooms, dormitory space, and bookstore.

Jernigan Student Center, 1914, was completely renovated in 1963 and redecorated in 1976. It comprises the post office, snack shop, lounges, offices for student government and student publications. The Queens Career Center is housed on the second floor. Charlton Coney Jernigan was president of Queens from 1951-1953.

Ovens Physical Education Building, 1954, includes a large gymnasium, classrooms, a dance studio, and an Olympic-size swimming pool. David Ovens, business executive and merchant, was a Queens trustee and benefactor.

Carol Hall, 1957, was the gift of Irwin Belk, Queens trustee, and is named in honor of his wife, Carol Grotnes Belk.

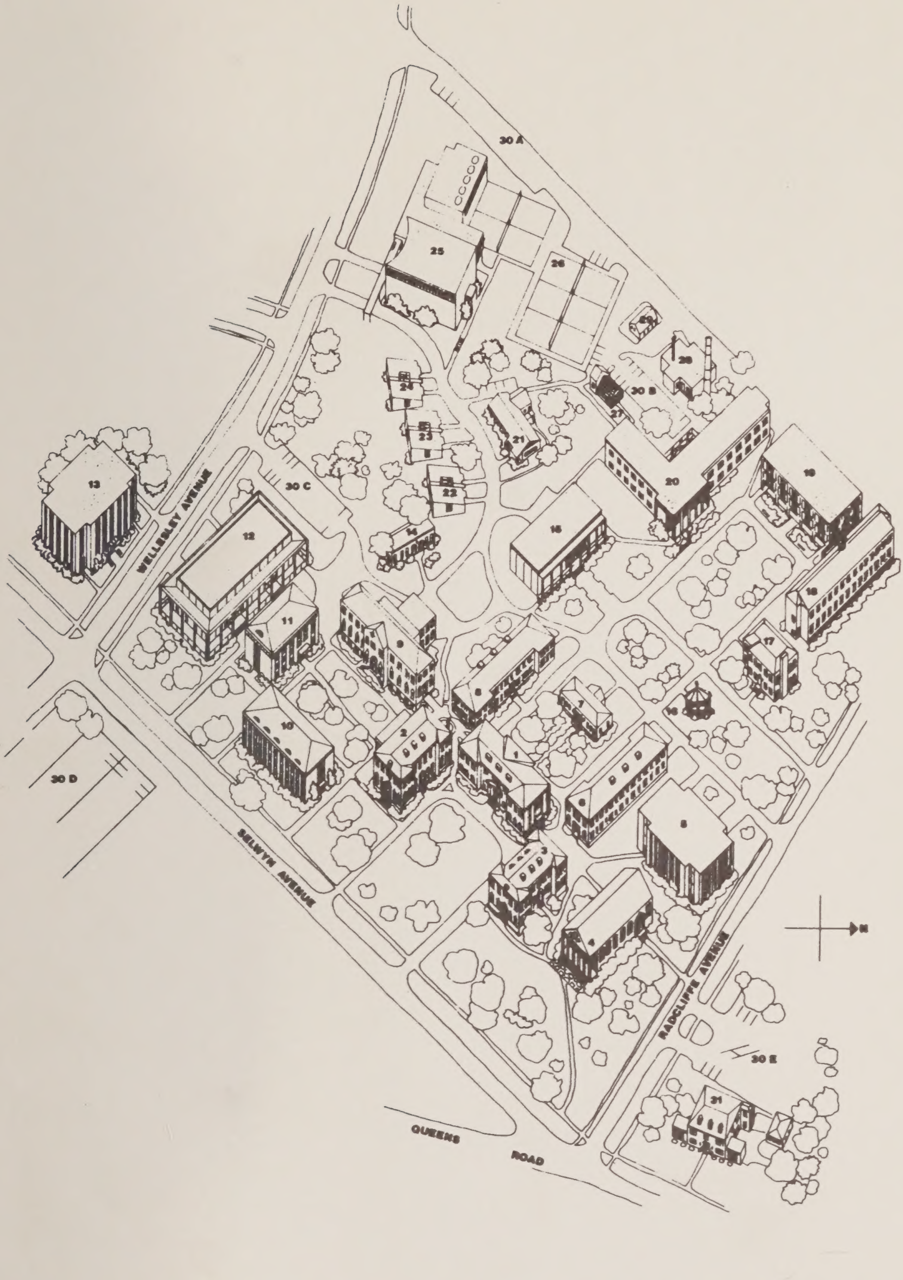
The William H. Barnhardt Center, completed in 1965, honors Mr. and Mrs. William H. Barnhardt; Mr. Barnhardt was a member of the Board of Trustees. Three other buildings are named respectively for Dr. Elizabeth H. Blair, former dean of instruction; Mr. and Mrs. W. Z. Stultz, donors; and Miss Laura A. Tillett, professor emeritus of English. These buildings are used for administrative and instructional purposes.

The *Irwin-McKay Infirmary*, 1958, was the gift of Thomas M. Belk and his wife, Katherine McKay Belk, honoring Dr. John R. Irwin, Dr. Hamilton W. McKay, and Dr. Henderson Irwin. It provides 12 hospital beds, rooms for consultations and treatment, and quarters for resident nurses.

Long Residence Hall, 1914, is named for Miss Lily W. Long, who served the college for half a century and was herself president from 1891 to 1899. *Belk Residence Hall*, 1954, honors the late Mrs. William Henry Belk, alumna, trustee, and benefactor; it was a gift to Queens from Mrs. Belk's sons and daughter. *Harris Residence Hall*, 1960, honors James J. Harris, vice-chairman of the Board of Trustees, and his wife, Angelia Morrison Harris. *Wallace Residence Hall*, 1962, honors Mr. and Mrs. J. M. Wallace and family. Mrs. Wallace was an alumna, and J. Mason Wallace, Jr., was a college trustee. *Albright Residence Hall*, 1964, is named in honor of Miss Thelma Albright, formerly dean of students and a long time faculty member at Queens.

Queens College Map

1. Burwell Hall
2. McEwen Classroom Building
3. Jernigan Student Center
   Queens Career Center
4. Belk Chapel
5. Albright Residence Hall
6. Long Residence Hall
7. Early Learning Center
8. Watkins Hall
9. Morrison (Dining Room, Saga Book Store)
10. Walker Science Building
11. Dana Classroom Building
12. E.H. Little Fine Arts Center
13. Barnhardt Residence Hall
14. Maintenance
15. Everett Library
16. Chi Omega Arbour
17. Stultz Building
18. Belk Residence Hall
19. Wallace Residence Hall
20. Harris Residence Hall
21. Irwin McKay Infirmary
22. The Web
    Chi Omega Lodge
23. Phi Mu Lodge
24. Alpha Delta Pi Lodge
    Kappa Delta Lodge
25. Ovens Physical Education Building
26. Tennis Courts
27. Green House
28. Heating Plant
29. Maintenance Shop
30. Parking Lots (A-E)
31. Mecklenburg Presbytery Office


30 A
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WELLESLEY AVENUE
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31
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